

# PRIMERGY Supplemental Pricelist for partners

## Upgrade Options for Retired Systems

Release: October '04, Partner w/o TC Rev. 1.0



- can be used for partners -

TCs as mentioned according to this Supplemental Pricelist are for information purposes only. In the event of inconsistency between any expressed TC in this Pricelist and TC represented under SAP/R3, the price in SAP/R3 is valid.

Referring to the basic product and configuration information, kindly take into consideration the corresponding System Configurator, Order-information Guide, Service Info and the files Released-drivers.xls as well as Released-hdd.xls.

This Pricelist was prepared on a manual basis and could include transmission errors.

General information referring to Retired Systems can be found under the link:

[Web-Side: PRIMERGY Upgrade Business](#)

**FUJITSU** COMPUTERS  
**SIEMENS**

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Hits

Kindly be informed that 73 GB and 146GB HDD are available generally.

The LAN Controller Fast Ethernet Adapter 10/100TX (S26361-F2643-L1), Fast Ethernet 2x 10/100TX (PCI) (S26361-F2606-L1), Gigabit Ethernet 1000TX PCI-X (S26361-F2730-L1) and Gigabit Ethernet 1000SX PCI-X (S26361-F2732-L1) have been qualified retrospectively for older PRIMERGYs. Kindly have a look to the Cross Reference Upgrade Options.

Kindly be informed that the price of the 'ISDN S2m-Controller (30B+D) aktiv PCI up' has been reduced.

Kindly have a look at the special prices for processors in PRIMERGY Systems H400 and K400 (50% reduction!)

News

1) Kindly be informed about the List of PRIMERGY Upgrade Options which are made available for the relevant Retired Systems. Please have a look to the table "PRIMERGY Upgrade Options" in this Supplemental Pricelist.

2) Kindly be advised that a dedicated web side is available in FSC's Extranet with the link:

[Web Side: PRIMERGY Upgrade Business](#)

3) At present, this price list is distributed to PBMs (Product Business Managers) via E-mail. In addition, it can be downloaded from the German Extranet (w/o TC):

[Preislisten & Konfiguratoren](#)

General

Please be aware that the prospective last order dates are estimated. Generally, if a respective last order date is mentioned, it would mean essentially "first come, first served". But it is intended by us to achieve those dates.

Response

Your feed back and response referring to the PRIMERGY Upgrade Business would be appreciated.

Kindly let us know about interesting customer orders.

Does the existing PRIMERGY Pricelist "Upgrade Options for Retired Systems" cover your demand?

What can be improved?

Please address your reply to the mentioned address.



# PRIMERGY Supplemental Pricelist



## Upgrade Options for Retired Systems

Release: October, '04, Rev. 1.0

only a part of options as far as the respective build in component was withdrawn

### Cross Reference List of available PRIMERGY Upgrade Options

Description	Order No.	ERRP – European Reference Retail Price, EDRP – European Dealer Reference Price		Prospective Last Order	PRIMERGY Processor Models																																		
		ERRP	EDRP		Prospective Last Order																																		
		Euro	Euro		Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime								
Processor PIII 1GHz FCPGA	S26361-F2369-L300	420								X	X	X	X																										
Processor PIII 1,13GHz/512KB	S26361-F2599-L113	540										X	X																										
Processor PIII 1,26GHz/512KB	S26361-F2599-L126	540											X	X																									
Processor PIII 1,40GHz/512KB	S26361-F2599-L140	580												X	X																								
Processor PIII 1GHz FCPGA N200	S26361-F2396-L300	420																								X													
Processor PIII 1GHz/512KB L200	S26361-F2599-L500	420						01.03.2005																				X											
Processor PIII 1,13GHz/512KB L200	S26361-F2599-L513	540																										X											
Processor PIII 1,26GHz/512KB L200	S26361-F2599-L526	540																										X											
Processor Pentium III 1.4GHz/512kB	S26361-F2599-L540	580																										X											
Processor PIII 1GHz/512KB P200	S26361-F2599-L200	420																										X											
Processor PIII 1,13GHz/512KB P200	S26361-F2599-L213	540																										X											
Processor PIII 1,26GHz/512KB P200	S26361-F2599-L226	540																										X											
Processor PIII 1,40GHz/512KB P200	S26361-F2599-L240	580																										X											
Processor PIII Xeon 1GHz/256KB	S26361-F2324-L100	1.190																																					
Processor XEON DP 1.8GHz/512kB	S26361-F2549-L180	520																																					
Processor XEON DP 2GHz/512kB	S26361-F2549-L200	570																																					
Processor XEON DP 2.2GHz/512kB	S26361-F2549-L220	570																																					
Processor XEON DP 2.4GHz/512kB	S26361-F2549-L240	570																																					
Processor XEON DP 2.6GHz/512kB	S26361-F2549-L260	670																																					
Processor XEON DP 2.8GHz/512kB	S26361-F2549-L280	820																																					















# PRIMERGY Supplemental Pricelist



## Upgrade Options for Retired Systems

Release: October, '04, Rev. 1.0

only a part of options as far as the respective build in component was withdrawn

### Cross Reference List of available PRIMERGY Upgrade Options

Description	Order No.	ERP	Euro	Prospective Last Order	PrimerGY Econel 10	PrimerGY Econel 20	PrimerGY Econel 30	PrimerGY B100	PrimerGY B120	PrimerGY B200	PrimerGY B210	PrimerGY C150	PrimerGY C200	PrimerGY 470	PrimerGY E200	PrimerGY E250	PrimerGY 670-20	PrimerGY H200	PrimerGY H250	PrimerGY 670-40	PrimerGY H400	PrimerGY H450	PrimerGY 870	PrimerGY K400	PrimerGY N70-40	PrimerGY N200	PrimerGY L100	PrimerGY L200	PrimerGY P200	PrimerGY P250	PrimerGY M400	PrimerGY R450	PrimerGY R800	PrimerGY T850	PrimerGY TX150	PrimerGY TX150-SATA	PrimerGY R X200	PrimerGY TX600	PrimerGY R X600	PrimerGY S10	PrimerGY S40-BS	PrimerGY S40-DF	PrimerGY S60	PrimerGY Classic Rack	DataCenter Rack											
<b>Storage Devices</b>																																																								
CD-ROM ATAPI	SNP:SY-F2240L1-A	35						X	X	X	X	X	X	X	X	X				X																																				
DVD-ROM ATAPI	SNP:SY-F2234L1-A	55						X	X	X	X	X	X	X	X	X				X																																				
CD-RW / DVD ATAPI	S26361-F3008-L1	105		X	X	X																																																		
DVD-ROM ATAPI 0.5"	SNP:SY-F2312L1-P	105																																																						
Flexy Bay Option FD/DVD	S26361-F2557-L2	185													X	X																																								
Tape Drv DAT DDS3 12GB, 1MB/s, internal	S26361-F1730-L1	820		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Tape Drv DAT DDS4 20GB 2.8MB/s internal	S26361-F2233-L3	690					X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR	S26361-F2233-L31	740		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Tape Drv DAT DDS4 20GB, 3MB/s, internal	SNP:SY-F2233L1-A	1.035					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.	S26361-F2233-L13	2.040								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Tape Drv DAT DDS4 6x20GB, 3MB/s, intern.	SNP:SY-F2233L10-A	2.740								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Tape Drv DDS Gen5 36GB 3MB/s int.	S26361-F2848-L3	780		X																	X																																			
Tape Drv DDS Gen5 36GB 3MB/s for OBDR	S26361-F2848-L31	830		X																	X																																			
Tape Drv DLT 8000 40GB 6MB/s internal	S26361-F2232-L3	2.840								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Tape Drv LTO Ultrium 100GB 7.5MB/s int.	S26361-F2573-L3	2.340																			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Tape Drv SLR100 50GB 5MB/s internal	S26361-F2238-L3	1.740		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Tape Drv VXA-2 80GB 6MB/s int.	S26361-F2849-L3	975		X																	X																																			
Warm replace kit for tape drive	S26361-F2392-L2	110																			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
68pin Kit f. access. drives	S26361-F2571-L2	50								X																																														
68-Pin Kit for accessible drives	S26361-F2814-L6	50																																																						
Adapter for 8bit SCSI devices	S26361-F2395-L2	45						X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

# PRIMERGY Supplemental Pricelist



## Upgrade Options for Retired Systems

Release: October, '04, Rev. 1.0

only a part of options as far as the respective build in component was withdrawn

### Cross Reference List of available PRIMERGY Upgrade Options

Description	Order No.	ERP	Prospective Last Order	PRIMERGY Models																				
				Prime10	Prime20	Prime30	Prime40	Prime50	Prime60	Prime70	Prime80	Prime90	Prime100	Prime110	Prime120	Prime130	Prime140	Prime150	Prime160	Prime170	Prime180			
<b>Rack Options</b>																								
Adapter angle PC/DC-Rack, till 50Kg	S26361-F2735-L10	25						X	X	X	X	X								X	X	X	X	
Adapter angle PC/DC-Rack, till 150Kg	S26361-F2735-L15	35							X	X	X	X	X	X	X	X	X	X	X			X	X	X
Adapterkit to DC- and PC- racks	S26361-F2734-L14	125						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Conversion kit to Rack-BU of P1xx/Bxxx	SNP:SY-F1958L110-A	220						X	X	X	X													
Conversion Floor->Rack PY TX150/Cxxx	S26361-F2618-L220	95							X	X											X	X		
Conversion kit to rack-BU of E200/4xx	S26361-F1729-L2	285							X	X														
Conversionkit 1 floor->rack	S26361-F1729-L110	95								X	X													
Conversionkit PRIMERGY Hx50 floor->rack	S26361-F1927-L110	95										X										X	X	
Conversionkit PRIMERGY Hx00 1" floor->ra	S26361-F1927-L90	140	17.12.2004									X												
Conversionkit PRIMERGY 670/Hx00 1.6" rac	S26361-F1927-L50	140	17.12.2004									X	X											
RMK FSC Racks P1xx/Bxxx sliding rails	SNP:SY-F2261L11-P	190	17.12.2004					X	X	X	X												X	X
RMK FSC Racks P1xx/Bxxx telescopic rails	SNP:SY-F2261L12-A	370	17.12.2004					X	X	X	X												X	X
"Mounting kit 19" PC/DC-Rack P4xx/E2xx"	SNP:SY-F2261L21-P	290	17.12.2004							X	X												X	X
RMK 1 D/P/3rd P Racks telescopic rails	S26361-F2734-L31	243								X	X											X	X	
RMK 2 D/P/3rd P Racks telescopic rails	S26361-F2734-L30	240								X	X	X	X	X	X								X	X
RMK FSC Racks N200 sliding rails	S26361-F2261-L81	85	17.12.2004																	X			X	X
RMK 3 D/P/3rd P Racks sliding rails	S26361-F2611-L3	85																		X			X	X
RMK CR Adapter additional to RMK L/RX100	S26361-F2611-L13	45																		X			X	
RMK 2 D/P/3rd P Racks sliding rails	S26361-F2261-L82	85																		X			X	X
RMK 5 D/P/3rd P Racks sliding rails	S26361-F2734-L50	150																			X	X		X
RMK D/P/3rd P Racks N400 telescopic rail	SNP:SY-F2261L41-P	370	17.12.2004																		X	X		X
RMK D/P/3rd P Racks N800 telescopic rail	SNP:SY-F2261L6-P	370	17.12.2004																		X			X
RMK D/P/3rd P Racks P870/K400 telescopic	SNP:SY-F2261L51-P	415	17.12.2004																	X	X			X
RMK D/P/3rd P Racks S40 telescopic rails	SNP:SY-F2261L7-P	370	17.12.2004																			X	X	X
RMK 10 D/P/3rd P Racks sliding rails	S26361-F2734-L20	195																					X	X
RMK CR-Rack P4xx/E2xx telescopic rails	SNP:SY-F2148L4-A	195	17.12.2004							X	X												X	X
RMK 1/2 CR telescopic rails	S26361-F1331-L7	243								X	X	X	X	X	X	X						X	X	X
RMK 4 CR sliding rails	S26361-F1331-L82	85																		X			X	X
RMK 5 CR sliding rails	S26361-F1331-L85	150																			X	X		X
RMK CR-Rack N400 telescopic rails	S26361-F1331-L141	285	17.12.2004																			X	X	X
RMK 10 CR sliding rails	SNP:SY-F1331L102-P	150																					X	X
Cable magmt. for 19" DC- PC- Rack	SNP:SY-F2262L20-P	75										X												X
Pair of cable carriers f 3rd party racks	S26361-F2201-L20	50																			X			









**Specifikation**

**Hardware-Description**

<b>Type</b>	Mono Processor Economy Server
<b>System board</b>	D1239
Processor	Intel Pentium® III 933 MHz and 1 GHz
Clock speed (MHz)	Base variant 1: 933/133
cache bus / host bus	Base variant 2: 1 GHz/133
First-Level-Cache	32 Kbyte (2 x 16 Kbyte integrated)
Second-Level-Cache	256 Kbyte
RAM	128 MB – 1.5 GB DDR SDRAM ECC protected
	Base variant 1: min. 128 MB; 2: min 256 MB
Bus system	PCI; AGP

The Entry Platform for your Team. This PRIMERGY Econel10 Server based on PC technology is the perfect platform for standard server tasks, offering an excellent price/performance ration and at the same time good quality and full certification for Microsoft Windows NT / 2000 Server and Linux. Tested and with selected components equipped, this Server is appropriate for the 7 x 24 hours operation. The Intel Pentium® III processor with 133 MHz front side bus is available with clock frequencies from 933 MHz and 1 GHz. The memory can be expanded with memory modules on the motherboard with up to three 1.5 Gbyte DDR-SDRAM (3 x 512 Mbyte modules)

**Upgrades, options**

<b>Memory modules</b>	128, 256, 512 Mbyte DDR SDRAM ECC protected; 266 MHz
<b>1" IDE Hard disk drives</b>	80 Gbyte; max. 2 per system

**Dimension, weight**

Dimension (H x W x D)	361 x 196 x 350 mm
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Weight	ca. 9 kg (dependent on configuration)
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[Data sheet](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro		

**Base Units for PRIMERGY Econel10**  
 Type 1: K831-V1..

**Memory**

Mem 256MB DDR-RAM PC2100 unbuf ECC	S26361-F2580-L256	145			
Mem 512MB DDR-RAM PC2100 unbuf ECC	S26361-F2580-L512	225			

Remarks:

**Hard Disk Drives**

<b>1" Frames</b>					
HDD IDE 80GB 7.2k 3.5"	S26361-F2263-L80	145			

Remarks:

**Controllerboards**

<b>RAID Controller</b>					
<b>SCSI Controller</b>					
SCSI controller for backup	S26361-F2644-L2	140			
<b>Ethernet Controller</b>					
<b>100 Mbit / Intel</b>					
Fast Ethernet Adapter 10/100TX	S26361-F2643-L1	85			

Remarks:

<b>Storage Devices</b>										
CD-RW / DVD ATAPI										
CD-RW / DVD ATAPI			S26361-F3008-L1		105					
<b>DDS3</b>										
Tape Drv DAT DDS3 12GB 1MB/s internal			S26361-F1730-L1		820					1)
Remarks:										
1) Kindly take into account that the DDS3 Tape Drive is still available only with the colour anthracite.										
<b>Other Options</b>										
Remarks:										





**Specifikation**

**Hardware-Description**

<b>Type</b>	Mono Processor Economy Server
<b>System board</b>	
Processor	Intel® Pentium® 4; 1.8 GHz
System board	D1331
Chip set	Intel® 845
Front-Side-Bus	400 MHz
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	512 Kbyte ECC
RAM	128 MB - 2 GB ECC DDR PC2100
I/O slots	3 x PCI 32-Bit, 33MHz; short (280 mm) 1 x AGP 2.0; occupied with graphics card

The deployed Intel® Pentium® 4 processor with 400 MHz front side bus and the clock frequencies of 1.8 GHz offers, in combination with the DDR RAM memory technology a high processor targeted applications. The processor is equipped with 512 Kbyte ECC protected second level cache. The memory can be expanded with 2 additional memory modules on the motherboard up to max. 2 Gbyte PC266 DDR RAM. The entire memory is ECC (error correction code) protected. The Intel 10/100 network card (LAN) is integrated on-board. Three bays are available for accessible media drives. Two of those are occupied by CD ROM drive and floppy disk drive. For mass storage there are two bays (1 inch high) for 2 x 40 / 80 Gbyte IDE hard disks. Optional use of an IDE RAID controller offers a high degree of security and performance.

**Upgrades, options**

<b>Memory modules</b>	256, 512 Mbyte, 1 Gbyte DDR PC 2100 ECC protected;
<b>1" IDE Hard disk drives</b>	40, 80 Gbyte; max. 2 per system

**Dimension, weight**

Dimension (H x W x D)	361 x 196 x 350 mm
Weight	ca. 9 kg (dependent on configuration)

[Click her - to get more information about PRIMERGY Server](#)

[Data sheet](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

**Base Units for PRIMERGY Econel20**  
Type 1: K831-V2..

Memory						
Mem 256MB DDR-RAM PC2100 unbuf ECC		S26361-F2580-L256	145			
Mem 512MB DDR-RAM PC2100 unbuf ECC		S26361-F2580-L512	225			
Mem 1GB DDR-RAM PC2100 unbuf ECC		S26361-F2580-L513	575			

Remarks:

Hard Disk Drives						
<b>1" Frames</b>						
HDD IDE 80GB 7.2k 3.5"		S26361-F2263-L80	145			

Remarks:

Controllerboards						
<b>RAID Controller</b>						
<b>IDE RAID Controller</b>						
IDE RAID Controller		S26361-F2567-L2	110			
<b>SCSI Controller</b>						
		S26361-F2644-L2	140			
<b>Ethernet Controller</b>						
<b>100 Mbit / Intel</b>						
Fast Ethernet Adapter 10/100TX		S26361-F2643-L1	85			

Remarks:

<b>Storage Devices</b>									
CD-RW / DVD ATAPI									
CD-RW / DVD ATAPI			S26361-F3008-L1		105				
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB 1MB/s internal			S26361-F1730-L1		820				1)
Remarks:									
1) Kindly take into account that the DDS3 Tape Drive is still available only with the colour anthracite.									
<b>Other Options</b>									
Remarks:									



**Specifikation**

**Hardware-Description**

<b>Type</b>	Mono Processor Economy Server
<b>System board</b>	
Processor	Intel® Celeron® / Pentium® 4
System board	D1447
Chip set	Intel i845e
Front-Side-Bus	400 MHz / 533 MHz
Second-Level-Cache	128 Kbyte ECC / 512 Kbyte ECC
RAM	256 Mbyte - 2 Gbyte ECC PC2100 DDR SDRAM; (256 Mbyte, 512 Mbyte, 1 Gbyte)
I/O slots	6 x PCI 32-bit / 33 MHz; long 1 x AGP 4x; taken by the graphics adapter

The PRIMERGY Econel30 is offered in four Pentium® 4 basic variants, two with a SCSI hard disk and two with a IDE hard disk. Additionally there is a 5th basic variant with a Celeron® and IDE hard disk. As a result a wide range of possible uses are opened up in this class. For example, the system can be used as a small application, print, file and e-mail server in small companies, for the self-employed, in retailing and at small stores or branches.

**Upgrades, options**

**Dimension, weight**

<b>Memory modules</b>	256, 512 Mbyte, 1 Gbyte DDR PC 2100 SDRAM ECC protected;
<b>1" IDE Hard disk drives</b>	4 x 40, 80, 120 Gbyte (IDE) 4 x 36, 73 Gbyte (SCSI)

Dimension	390 x 203 x 500 (mm) (H x W x D)
Weight	approximately 16 kg (dependent on configuration)

[Data sheet](#)

[Click her - to get more information about PRIMERGY Server](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

**Base Units for PRIMERGY Econel20**

Type 1: K831-V2..

**Memory**

Mem 256MB DDR-RAM PC2100 unbuf ECC	S26361-F2580-L256	145
Mem 512MB DDR-RAM PC2100 unbuf ECC	S26361-F2580-L512	225
Mem 1GB DDR-RAM PC2100 unbuf ECC	S26361-F2580-L513	575

Remarks:

**Hard Disk Drives**

<b>1" Frames</b>		
HDD IDE 7.2k 80GB 3.5"	S26361-F2263-L80	145
HDD IDE 7.2k 40GB 3.5"	S26361-F2263-L40	115
HDD IDE 7.2k 120GB 3.5"	S26361-F2263-L120	195
HDD U160 10k 36GB non hot plug 1"	S26361-F2824-L136	255
HDD U160 10k 73GB non hot plug 1"	S26361-F2824-L173	315

Remarks:

**Controllerboards**

<b>RAID Controller</b>		
<b>IDE RAID Controller</b>		
IDE RAID Controller	S26361-F2567-L2	110
<b>SCSI Controller</b>		
SCSI controller U160, intern	S26361-F2644-L3	160
SCSI Ctrl, 1x U160 int/ext, SE	S26361-F2399-L1	210
<b>Ethernet Controller</b>		
<b>100 Mbit / Intel</b>		
Eth. Ctrl 1x100Mbit PCI32 PRO/100 Cu	S26361-F2643-L1	85
Eth. Ctrl 1x1Gbit PCI-X Pro/1000MF LC	S26361-F3054-L1	575
Eth. Ctrl 1x1Gbit PCI-X Pro/1000MT Cu	S26361-F3053-L1	175
Eth. Ctrl 1x1Gbit PCI32 PRO/1000MT Cu	S26361-F2839-L1	75
Eth. Ctrl 2x1Gbit PCI-X PRO/1000MT Cu	S26361-F3011-L1	250

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Remarks:

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**Storage Devices**

<b>CD-RW / DVD ATAPI</b>									
CD-RW / DVD ATAPI				S26361-F3008-L1	<b>105</b>				
<b>DDS3</b>									
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR				S26361-F2233-L31	<b>740</b>				
Tape Drv DAT DDS4 20GB 2.8MB/s internal				S26361-F2233-L3	<b>690</b>				
Tape Drv DDS Gen5 36GB 3MB/s for OBDR				S26361-F2848-L31	<b>830</b>				
Tape Drv DDS Gen5 36GB 3MB/s int.				S26361-F2848-L3	<b>780</b>				
Tape Drv SLR100 50GB 5MB/s internal				S26361-F2238-L3	<b>1.740</b>				
Tape Drv VXA-2 80GB 6MB/s int.				S26361-F2849-L3	<b>975</b>				

Remarks:

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**Other Options**

Remarks:

# PRIMERGY B100

# Flexible Mono-Processor Power



### Specification

<b>Type</b>	Mono Processor Workgroup Server
<b>System board</b>	
Processor	Intel Pentium® III 600 - 866 MHz
Clock speed (MHz)	
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte integrated)
Second-Level-Cache	256 Kbyte
RAM	128 MB – 512 MB RDRAM with ECC (standard)
Access time	
Bus system	PCI 32-bit; ISA, AGP

### Upgrades, options

<b>Memory modules</b>	128 MB, 256 MB RDRAM
<b>1.6" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 3 per system
<b>1" Hard disk drives</b>	
	10 / 20 Gbyte IDE; max. 2 per system

### Hardware-Description

The PRIMERGY B100 is flexible for usage as a tower or for integration in 19-inch Rack cabinets. With the price sensitive IDE or SCSI or reliable hot-plug RAID hard disks variant. Because of that offers the PRIMERGY B100 an entry servers platform into the world of Fujitsu Siemens Computers. The Intel Pentium® III processor provides a CPU I/O power combined with the Accelerated Hub Architecture. The Intel Pentium® III processor with 133MHz Front Side-Bus provides sufficient performance for applications. The main memory can be expanded up to 512 MB RDRAM using two slots on the motherboard. Numerous bays are available for mass storage devices including two bays (1 inch high) for IDE hard disk bays (1.6 inch high) for standard SCSI or hot-plug

### Dimension, weight

Dimension (H x W x D)	428 x 204 x 460 mm
Rack mount	5 height units (U)
Weight	ca. 14 - 28 kg (dependent on configuration)

### Data sheet

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	EDRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY B100

- Type 1: K549-V501., -V701, / IDE
- Type 2: K549-V520, -V621, -V721, -V821 / SCSI
- Type 3: K549-V541, -V641, -V741, -V841 / RAID

### Memory

Remarks:

### Hard Disk Drives

#### 1.6" Frames

HDD U160 10k 36GB hot plug 1.6"	SNP.SY-F2294L136-A	325
HDD U160 10k 73GB hot plug 1.6"	S26361-F2294-L173	465
HDD 146GB 10k, U160 hot plug 1.6"	S26361-F2294-L114	805

Remarks:

Controllerboards									
<b>RAID Controller</b>									
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec				S26361-F2405-L32	520				
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit									
				S26361-F2854-L1	245				
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive									
				S26361-F1809-L1	815				
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX									
				S26361-F2643-L1	85				
<b>100 Mbit - 2 port / Adaptec</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec									
				S26361-F2606-L1	245				
Remarks:									
Storage Devices									
<b>CD-ROM ATAPI</b>									
CD-ROM ATAPI									
				SNP:SY-F2240L1-A	35				
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI									
				SNP:SY-F2234L1-A	55				
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal									
				S26361-F1730-L1	820				
<b>DDS 4</b>									
Tape Drv DAT DDS4 20GB, 3MB/s, internal									
				SNP:SY-F2233L1-A	1.035				
Remarks:									
Rack Options									
<b>Classic/PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
Conversion kit to Rack-BU of P1xx/Bxxx									
				SNP:SY-F1958L110-A	220				
<b>RMK FSC Racks P1xx/Bxxx telescopic rails</b>									
			(for details see excel column B)	SNP:SY-F2261L12-A	370		17.12.2004		1)
<b>RMK FSC Racks P1xx/Bxxx sliding rails</b>									
			(for details see excel column B)	SNP:SY-F2261L11-P	190		17.12.2004		
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks									
			(for details see excel column B)	S26361-F2734-L14	125				
Adapter angle PC/DC-Rack, till 50Kg									
			(for details see excel column B)	S26361-F2735-L10	25				
Remarks:									
1) This Mounting Kit would only be required, if telescopic rails in connection with a cable management are requested in addition.									
Other Options									
Remarks:									

**PRIMERGY B120**

**Mono-Processor Workgroup Server**



Specification		Hardware-Description	
<b>Type</b>	Mono Processor Workgroup Server	The PRIMERGY B120 is unique with its flexibility for usage as a tower or for integration in 19-inch Rack cabinets, with hot-plug RAID hard disks to ensure high availability. As a result, the PRIMERGY B120 represents an excellent entry platform into the world of Fujitsu Siemens servers.	
<b>System board</b>		The Intel Pentium® III processor with the 133 MHz Front Side-Bus provides sufficient performance for the corresponding application class.	
Processor	Intel Pentium® III 800MHz - 1 GHz	The main memory with 2 Memory banks each with 2 slots and the usage of the 1 Gbyte SDRAM module can be expanded up to 4 Gbyte SDRAM.	
Clock speed (MHz)	800/133, 866/133, 933/133, 1GHz/133	4 bays (1-inch high) are available for mass storage devices.	
cache bus / host bus			
First-Level-Cache	32 Kbyte		
Second-Level-Cache	256 Kbyte		
RAM	128 MB - 4 GB SDRAM with ECC		
Access time			
Bus system	PCI		
<b>Upgrades, options</b>		<b>Dimension, weight</b>	
<b>Processors</b>		Dimension (H x W x D)	428 x 204 x 460 mm
Intel Pentium® III	866 /133 MHz, 256 KB SLC	Rack mount	5 height units (U)
	933 /133 MHz, 256 KB SLC	Weight	ca. 14 - 28 kg
	1GHz /133 MHz, 256 KB SLC		(dependent on configuration)
<b>Memory modules</b>		<b>Data sheet</b>	
<b>1" Hard disk drives</b>	128, 256, 512 Mbyte, 1 Gbyte SDRAM	<a href="#">(Click here for download)</a>	
	18, 36 Gbyte; max. 4 per system		
<i>ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price</i>			

[Click her - to get more information about PRIMERGY Server](#)

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro		

**Base Units for PRIMERGY B120**  
 Type 1: K646-V14., -V34.

Memory					
Mem 256MB (1x256) SDRAM PC133 ECC		SNP:SY-F2306L513-A	195		
Mem 512MB (1x512) SDRAM PC133 ECC		SNP:SY-F2306L514-A	335		
Mem 1GB (1x1) SDRAM PC133 ECC		SNP:SY-F2306L515-A	745		

Remarks:

Hard Disk Drives					
<b>1" Alu Frames</b>					
HDD U160 10k 36GB hot plug 1"-AL		SNP:SY-F2266L136-A	285		
HDD U160 10k 73GB hot plug 1"-AL		S26361-F2266-L173	405		
HDD 146GB 10k, U160 hot plug 1"		S26361-F2266-L114	715		

Remarks:

Controllerboards									
<b>RAID Controller</b>									
<b>Mylex 1# (BobCat)</b>									
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex				S26361-F2406-L16	530				
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec				S26361-F2405-L32	520				
<b>Mylex 2#</b>									
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex				S26361-F2569-L64	1.010				
RAID Ctrl Battery Backup Unit Mylex				S26361-F2569-L10	250				
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec				S26361-F2385-L32	940				
RAID Ctrl Cache Upgrade 32MB Adaptec				S26361-F2386-L32	50				
RAID Ctrl Battery Backup Unit Adaptec				S26361-F2386-L10	250				
<b>SCSI Controller</b>									
<b>AHA29160 U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE				S26361-F2399-L1	210				
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit				S26361-F2854-L1	245				
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive				S26361-F1809-L1	815				
ISDN S2m-Controller (30B+D) aktiv PCI up				SNP:SY-F2090L1-A	9.950			01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX				S26361-F2643-L1	85				
<b>100 Mbit - 2 port / Adaptec</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec				S26361-F2606-L1	245				
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X				S26361-F2730-L1	175				
Gigabit Ethernet contr. 1000SX, PCI-X				S26361-F2732-L1	625				
Remarks:									
<b>Storage Devices</b>									
<b>CD-ROM ATAPI</b>									
CD-ROM ATAPI				SNP:SY-F2240L1-A	35				
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI				SNP:SY-F2234L1-A	55				
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal				S26361-F1730-L1	820				
Adapter for 8bit SCSI devices			(for details see excel column B)	S26361-F2395-L2	45				
<b>DDS 4</b>									
Tape Drv DAT DDS4 20GB, 3MB/s, internal				SNP:SY-F2233L1-A	1.035				
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR				S26361-F2233-L31	740				
<b>SLR</b>									
<b>SLR 100</b>									
Tape Drv SLR100 50GB 5MB/s internal				S26361-F2238-L3	1.740				
Remarks:									



# PRIMERGY B120

# Mono-Processor Workgroup Server



Rack Options									
<b>Classic/PrimeCenter/DataCenter/Rittal - Rack(conforming to EIA-310-D)</b>									
Conversion kit to Rack-BU of P1xx/Bxxx				SNP:SY-F1958L110-A	220				
RMK FSC Racks P1xx/Bxxx telescopic rails		(for details see excel column B)		SNP:SY-F2261L12-A	370			17.12.2004	1)
RMK FSC Racks P1xx/Bxxx sliding rails		(for details see excel column B)		SNP:SY-F2261L11-P	190			17.12.2004	
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)		S26361-F2734-L14	125				
Adapter angle PC/DC-Rack, till 50Kg		(for details see excel column B)		S26361-F2735-L10	25				
Remarks:									
1) This Mounting Kit would only be required, if telescopic rails in connection with a cable management are requested in addition.									
Remote View									
RemoteView Service Board				S26361-F2425-L100	370				
RemoteView Software V3.0				S26361-F1790-L218	50				
RemoteView Software V3.0				S26361-F1790-L218	50				
RemoteView Batteryboard				S26361-F2425-L200	240				
RemoteView external Power Supply				S26361-F2425-L300	40				
RemoteView Cables				S26361-F2425-L112	50				
Remarks:									
Other Options									
2nd serial line interface				T26139-Y3853-L1	20				
SCSI interface external f. on-board Ctrl				T26139-Y3849-L1	45				
Remarks:									

# PRIMERGY B200

# Dual-Processor Server



## Specifikation

## Hardware-Description

<b>Type</b>	Dual Processor Workgroup Server
<b>System board</b>	
Processor	Intel Pentium® III 600 - 933 MHz
Clock speed (MHz)	
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte integrated)
Second-Level-Cache	256 Kbyte
RAM	128 MB – 512 MB RDRAM with ECC (standard)
Access time	
Bus system	PCI 32-bit; ISA, AGP

The PRIMERGY B200 is flexible for usage as a tower or for integration in 19-inch Rack cabinets. With the price sensitive IDE or SCSI or reliable hot plug RAID hard disks variant, the PRIMERGY B200 provides an usage in any case. PRIMERGY B200 can be equipped with up to 2 Pentium® III processors. The Intel Pentium® III processor provides a CPU I/O power combined with the Accelerated Hub Architecture. The Intel Pentium® III processor with 133MHz Front Side-Bus provides sufficient performance for the corresponding application class. The main memory can be expanded up to 512 MB RDRAM using two slots on the motherboard. Numerous bays are available for mass storage devices. There are two variants for standard or hot plug SCSI. There are two variants for standard or hot plug SCSI. - 3 bays (1.6-inch high) - 4 bays (1-inch high)

## Upgrades, options

<b>Processors</b>	
Intel Pentium® III	
	800 /133 MHz, 256 KB SLC
	866 /133 MHz, 256 KB SLC
	933 /133 MHz, 256 KB SLC
<b>Memory modules</b>	128 MB, 256 MB RDRAM

## Dimension, weight

<b>1.6" Hard disk drives</b>		
10000 rpm	18, 36 Gbyte; max. 3 per system	
<b>1" Hard disk drives</b>		
10000 rpm	18, 36 Gbyte; max. 4 per system	
	(10 / 20 Gbyte IDE; max. 2 per system)	

Dimension (H x W x D)	428 x 204 x 460 mm
Rack mount	5 height units (U)
Weight	ca. 14 - 28 kg (dependent on configuration)

[Click her - to get more information about PRIMERGY Server](#)

[Data sheet](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro		

## Base Units for PRIMERGY B200

- Type 1:** K579-V101, -V301 / IDE 1.6" Disk Frames
- Type 2:** K579-V120, -V221, -V321, -V421 / SCSI 1.6" Disk Frames
- Type 3:** K579-V141, -V142, -V241, -V242, -V341, -V342, -V441, -V442 / RAID 1.6" Disk Frames
- Type 4:** K579-V52., -V62., -V72., -V82. / SCSI 1" Disk Frames
- Type 5:** K579-V54., -V58., -V64., -V68., -V74., -V78., -V84., -V88. / RAID 1" Disk Frames

## Processor Modules

Remarks:

## Memory

Remarks:

## Hard Disk Drives

### 1.6" Frames

HDD U160 10k 36GB hot plug 1.6"	SNP:SY-F2294L136-A	325	2)
HDD U160 10k 73GB hot plug 1.6"	S26361-F2294-L173	465	
HDD 146GB 10k, U160 hot plug 1.6"	S26361-F2294-L114	805	

### 1" Alu Frames

HDD U160 10k 36GB hot plug 1"-AL	SNP:SY-F2266L136-A	285	3)
HDD U160 10k 36GB hot plug 1"-AL	S26361-F2266-L173	405	3)
HDD U160 10k 36GB hot plug 1"-AL	S26361-F2266-L114	715	3)

Remarks:

- 2) Type 1, 2, 3 Base Unit only!
- 3) Type 4, 5 Base Unit only!

Controllerboards									
<b>RAID Controller</b>									
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520					4)
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940					4) 5)
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50					4) 5)
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250					4) 5)
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245					
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815					
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85					
<b>100 Mbit - 2 port / Adaptec</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245					
Remarks:									
4) Type 3, 5 Base Unit only! RAID backplane is required!									
5) Type 5 Base Unit only!									
Storage Devices									
<b>CD-ROM ATAPI</b>									
CD-ROM ATAPI			SNP:SY-F2240L1-A	35					
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI			SNP:SY-F2234L1-A	55					
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal			S26361-F1730-L1	820					
<b>DDS 4</b>									
Tape Drv DAT DDS4 20GB, 3MB/s, internal			SNP:SY-F2233L1-A	1.035					
Remarks:									
Rack Options									
<b>Classic/PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
Conversion kit to Rack-BU of P1xx/Bxxx			SNP:SY-F1958L110-A	220					
RMK FSC Racks P1xx/Bxxx telescopic rails		(for details see excel column B)	SNP:SY-F2261L12-A	370			17.12.2004		6)
RMK FSC Racks P1xx/Bxxx sliding rails		(for details see excel column B)	SNP:SY-F2261L11-P	190			17.12.2004		
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125					
Adapter angle PC/DC-Rack, till 50Kg		(for details see excel column B)	S26361-F2735-L10	25					
Remarks:									
6) This Mounting Kit would only be required, if telescopic rails in connection with a cable management are requested in addition.									
Other Options									
Remarks:									

# PRIMERGY B210

# Dual-Processor Server



### Specifikation

<b>Type</b>	Dual Processor Workgroup Server
<b>System board</b>	
Processor	Intel Pentium® III 800MHz - 1 GHz
Clock speed (MHz)	800/133, 866/133, 933/133, 1GHz/133
cache bus / host bus	
First-Level-Cache	32 Kbyte
Second-Level-Cache	256 Kbyte
RAM	128 MB – 4 GB SDRAM with ECC
Access time	
Bus system	PCI

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III	866 /133 MHz, 256 KB SLC 933 /133 MHz, 256 KB SLC 1GHz /133 MHz, 256 KB SLC

<b>Memory modules</b>	128, 256, 512 Mbyte, 1 Gbyte SDRAM
<b>1" Hard disk drives</b>	10000 rpm 18, 36 Gbyte; max. 4 per system

### Hardware-Description

The PRIMERGY B210 is unique with its flexibility for usage as a tower or for integration in 19-inch Rack cabinets. With the efficient SCSI or reliable hot-plug RAID hard disks variant, the PRIMERGY provides an optimal usage in any case. PRIMERGY can be equipped with up to 2 Pentium® III process. The Intel Pentium® III processor with the 133 MHz Front Side-Bus provides sufficient performance for the corresponding application class. The main memory with 2 Memory banks each with 2 slots and the usage of the 1 Gbyte SDRAM module can be expanded up to 4 Gbyte SDRAM. 4 bays (1-inch high) are available for mass storage devices.

### Dimension, weight

Dimension (H x W x D)	428 x 204 x 460 mm
Rack mount	5 height units (U)
Weight	ca. 14 - 28 kg (dependent on configuration)

### Data sheet

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	EDRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY B210

Type 1: K649-V1..., -V3...

### Processor Modules

Processor PIII 1GHz FCPGA	S26361-F2369-L300	420				1)
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### Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 256MB (1x256) SDRAM PC133 ECC	SNP:SY-F2306L513-A	195				
Mem 512MB (1x512) SDRAM PC133 ECC	SNP:SY-F2306L514-A	335				
Mem 1GB (1x1) SDRAM PC133 ECC	SNP:SY-F2306L515-A	745				

### Remarks:

### Hard Disk Drives

<b>1" Alu Frames</b>						
HDD U160 10k 36GB hot plug 1"-AL	SNP:SY-F2266L136-A	285				
HDD U160 10k 73GB hot plug 1"-AL	S26361-F2266-L173	405				
HDD 146GB 10k, U160 hot plug 1"	S26361-F2266-L114	715				

### Remarks:

Controllerboards					
<b>RAID Controller</b>					
<b>Mylex 1# (BobCat)</b>					
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex		S26361-F2406-L16	<b>530</b>		
<b>Adaptec 1# 2100S</b>					
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec		S26361-F2405-L32	<b>520</b>		
<b>Mylex 2#</b>					
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex		S26361-F2569-L64	<b>1.010</b>		
RAID Ctrl Battery Backup Unit Mylex		S26361-F2569-L10	<b>250</b>		
<b>Adaptec 2# 3200S</b>					
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec		S26361-F2385-L32	<b>940</b>		
RAID Ctrl Cache Upgrade 32MB Adaptec		S26361-F2386-L32	<b>50</b>		
RAID Ctrl Battery Backup Unit Adaptec		S26361-F2386-L10	<b>250</b>		
<b>SCSI Controller</b>					
<b>AHA2944UW</b>					
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec		S26361-F1722-L1	<b>540</b>		
<b>AHA29160 U160</b>					
SCSI Ctrl, 1x U160 int/ext, SE		S26361-F2399-L1	<b>210</b>		
<b>Fibre Channel</b>					
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC		SNP:SY-F2244L1-P	<b>1.155</b>		
FC Ctrl 1Gbit/s QLA2200 MMF SC		SNP:SY-F2244L2-P	<b>1.590</b>		
FC Ctrl 2Gbit/s LP9002 MMF LC		S26361-F2624-L1	<b>1.890</b>		
FC Ctrl 1Gbit/s LP8000 MMF SC		SNP:SY-F1826L1-P	<b>2.395</b>		
<b>Token Ring Controller</b>					
Token Ring Controller 4/16/100 Mbit		S26361-F2854-L1	<b>245</b>		
<b>ISDN Controller</b>					
ISDN S0-Ctrl (2B+D) aktive		S26361-F1809-L1	<b>815</b>		
ISDN S2m-Controller (30B+D) aktiv PCI up		SNP:SY-F2090L1-A	<b>9.950</b>		01.10.2004
<b>Ethernet Controller</b>					
<b>100 Mbit / Intel</b>					
Fast Ethernet Adapter 10/100TX		S26361-F2643-L1	<b>85</b>		
<b>100 Mbit - 2 port / Adaptec</b>					
Fast Ethernet 10/100TX, 2 Port, IPsec		S26361-F2606-L1	<b>245</b>		
<b>1 Gbit</b>					
Gigabit Ethernet contr. 1000TX, PCI-X		S26361-F2730-L1	<b>175</b>		
Gigabit Ethernet contr. 1000SX, PCI-X		S26361-F2732-L1	<b>625</b>		
Remarks:					

Storage Devices									
<b>CD-ROM ATAPI</b>									
CD-ROM ATAPI				SNP:SY-F2240L1-A	35				
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI				SNP:SY-F2234L1-A	55				
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal				S26361-F1730-L1	820				
Adapter for 8bit SCSI devices		(for details see excel column B)		S26361-F2395-L2	45				
<b>DDS 4</b>									
Tape Drv DAT DDS4 20GB, 3MB/s, internal				SNP:SY-F2233L1-A	1,035				2)
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR				S26361-F2233-L31	740				2)
68pin Kit f. access. drives		(for details see excel column B)		S26361-F2571-L2	50				
<b>SLR</b>									
<b>SLR 100</b>									
Tape Drv SLR100 50GB 5MB/s internal				S26361-F2238-L3	1,740				2)
68pin Kit f. access. drives		(for details see excel column B)		S26361-F2571-L2	50				
Remarks: 2) S26361-F2571-L2 has to be ordered additionally.									
Rack Options									
<b>Classic/PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
Conversion kit to Rack-BU of P1xx/Bxxx				SNP:SY-F1958L110-A	220				
RMK FSC Racks P1xx/Bxxx telescopic rails		(for details see excel column B)		SNP:SY-F2261L12-A	370		17.12.2004		3)
RMK FSC Racks P1xx/Bxxx sliding rails		(for details see excel column B)		SNP:SY-F2261L11-P	190		17.12.2004		
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)		S26361-F2734-L14	125				
Adapter angle PC/DC-Rack, till 50Kg		(for details see excel column B)		S26361-F2735-L10	25				
Remarks: 3) This Mounting Kit would only be required, if telescopic rails in connection with a cable management are requested in addition.									
Remote View									
RemoteView Service Board				S26361-F2425-L100	370				
RemoteView Software 3.10				S26361-F1790-L219	50				
RemoteView Software V3.0				S26361-F1790-L218	50				
RemoteView Batteryboard				S26361-F2425-L200	240				
RemoteView external Power Supply				S26361-F2425-L300	40				
RemoteView Cables				S26361-F2425-L112	50				
Remarks:									
Other Options									
SCSI interface external f. on-board Ctrl				T26139-Y3849-L1	45				
Remarks:									

# PRIMERGY C150

# Mono-Processor Server



### Specifikation

### Positioning

<b>Type</b>	Mono Processor All-round Server
<b>System board</b>	
Processor	Intel® Pentium® 4; 1.8, / 2.0 / 2.6 GHz
System board	D1329
Chip set	Intel® 845 (Brookdale)
Front-Side-Bus	400 MHz
First-Level-Cache	8 Kbyte Data and 12k uops instruction (integrated)
Second-Level-Cache	512 Kbyte, unbuffered
RAM	128 MB - 1.5 GB SDRAM with ECC
I/O slots	6 x PCI (32-bit/33MHz; 3 x long), 1 x AGP

The PRIMERGY C150 is a mono processor workgroup server and the entry model of the PRIMERGY All-round Server line. The competitive features and the benefits of the new housing makes the PRIMERGY C150 well suitable for small and medium enterprises and is also aiming at the large account market used in shops and departments. The integration in 19-inch racks is supported by the according rack variant and conversion kits makes the C150 well suitable for special task in 19-inch Racks Users, requiring a cost sensitive all-round server with highest Mono processor performance, but can not, or do not want to -provide administration expertise on site, will find an ideal platform with the PRIMERGY C150.

### Upgrades, options

#### Processors

<b>Memory modules</b>	256, 512 Mbyte SDRAM
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 4 per system
15000 rpm	18, 36, 73 Gbyte; max. 4 per system

### Dimension, weight

Floor (H x W x D)	444 x 205 x 605 mm
Rack (H x W x D)	222 x 448 x 570 mm
Rack mount	5 height units (U)
Weight	ca. 21 - 33 kg (dependent on configuration)

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[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro		

### Base Units for PRIMERGY C150

Type 1: K835-V1..., -V3...

### Memory

Memory 256MB SDRAM 133 ECC unbuffered	S26361-F2272-L511	195
Memory 512MB SDRAM 133 ECC unbuffered	S26361-F2272-L512	315

Remarks:

### Hard Disk Drives

#### 1" Frames

HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685

Remarks:

		Spezifikation							Positioning
<b>Controllerboards</b>									
<b>RAID Controller</b>									
<b>Mylex 1# (BobCat)</b>									
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex		S26361-F2406-L16	530						
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec		S26361-F2405-L32	520						
<b>Mylex 2#</b>									
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex		S26361-F2569-L64	1.010						
RAID Ctrl Battery Backup Unit Mylex		S26361-F2569-L10	250						
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec		S26361-F2385-L32	940						
RAID Ctrl Cache Upgrade 32MB Adaptec		S26361-F2386-L32	50						
RAID Ctrl Battery Backup Unit Adaptec		S26361-F2386-L10	250						
<b>SCSI Controller</b>									
<b>SCSI U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE		S26361-F2399-L1	210						
SCSI Ctrl, 1xU160 int.		S26361-F2644-L1	130						
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit		S26361-F2854-L1	245						
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive		S26361-F1809-L1	815						
ISDN S2m-Controller (30B+D) aktiv PCI up		SNP:SY-F2090L1-A	9.950			01.10.2004		A)	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX		S26361-F2643-L1	85						
<b>100 Mbit - 2 port</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec		S26361-F2606-L1	245						
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X		S26361-F2730-L1	175						
Gigabit Ethernet contr. 1000SX, PCI-X		S26361-F2732-L1	625						
Remarks:									
A) Please be aware of the special Pricing for the ISDN Controller									
<b>Power Supplies</b>									
Power Supply Module 250W (hot plug)		S26113-F449-L11	210						2)
Power Supply Upgrade 250W (hot plug)		S26113-F449-L1	350						3)
Remarks:									
2) Hot-plug power supply can be applied for basic units with hot-plug power supply functionality.									
3) Conversion Kit from Standard Power Supply to Hot-Plug Power Supply.									
<b>Storage Devices</b>									
<b>CD-ROM ATAPI</b>									
CD-ROM ATAPI		SNP:SY-F2240L1-A	35						
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI		SNP:SY-F2234L1-A	55						
<b>DDS 4 and DDS 4 Autoloader</b>									
Tape Drv DAT DDS4 20GB 2.8MB/s internal		S26361-F2233-L3	690						
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR		S26361-F2233-L31	740						
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.		S26361-F2233-L13	2.040						
<b>DLT 8000</b>									
Tape Drv DLT 8000 40GB 6MB/s internal		S26361-F2232-L3	2.840						
<b>SLR</b>									
<b>SLR 100</b>									
Tape Drv SLR100 50GB 5MB/s internal		S26361-F2238-L3	1.740						
Remarks:									



		Spezifikation								Positioning
<b>Rack Options</b>										
<b>Classic Rack (42/23 U Rack)</b>										
Conversion Floor->Rack PY TX150/Cxxx			S26361-F2618-L220	95						
RMK 1/2 CR telescopic rails		(for details see excel column B)	S26361-F1331-L7	243						
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>										
Conversion Floor->Rack PY TX150/Cxxx			S26361-F2618-L220	95						
RMK 1 D/P/3rd P Racks telescopic rails		(for details see excel column B)	S26361-F2734-L31	243						
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>										
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125						
Adapter angle PC/DC-Rack, till 50Kg		(for details see excel column B)	S26361-F2735-L10	25						
Remarks:										
<b>Other Options</b>										
Remarks:										
<b>Remote View</b>										
RemoteView Service Board			S26361-F2425-L100	370						
RemoteView Software 3.10			S26361-F1790-L219	50						
RemoteView Software V3.0			S26361-F1790-L218	50						
RemoteView Batteryboard			S26361-F2425-L200	240						
RemoteView external Power Supply			S26361-F2425-L300	40						
RV Cables C150, C/F/P200, F/P250			S26361-F2425-L114	80						
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>										
RV Diagnosis C150, C200, TX150			S26361-F2116-L12	70						
Remarks:										

# PRIMERGY C200

# Dual-Processor Server



## Specifikation

## Positioning

<b>Type</b>	Dual Processor Workgroup Server
<b>System board</b>	
Processor	Intel Pentium® III (FC-PGA 2) with up to 1.4 GHz
Clock speed (MHz)	1 GHz - 1.4 GHz/133 MHz, 512 KB SLC
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte (1 GHz) or 512 Kbyte
RAM	256 MB - 4 GB SDRAM with ECC and Memory Scrubbing
I/O slots	4 x PCI 64-bit, 66 MHz; 2 x long (on 2 independent channels) 2 x PCI 32-bit, 33 MHz; 1 x long

The PRIMERGY Server C200 represents an entry PRIMERGY All-round Dual processor Server class. The PRIMERGY Server C200 can be used in a variety of fields requiring high performance and scalability of with high system availability to run critical applications 24 hours a day, 365 days per year. Special fields for the PRIMERGY C200 could be as Intranet or Intranet server, communications server for gateways, domain firewalls and the Web, small application server for applications in client/server architectures, branch offices in small branch offices, where high availability is required but little technical know-how is present or all-round workgroup server system for small and medium enterprises, that appreciate ease of maintenance, high and reliable server operations in addition to good service. The system delivery includes the PRIMERGY easyMirror™ software, which provides the mirroring (RAID level 1) of internal disks.

## Upgrades, options

<b>Processors</b>	
Intel Pentium® III	1 GHz/133 MHz, 512 KB SLC 1.13 GHz/133 MHz, 512 KB SLC 1.26 GHz/133 MHz, 512 KB SLC 1.40 GHz/133 MHz, 512 KB SLC

## Dimension, weight

Floor (H x W x D)	444 x 205 x 605 mm
Rack (H x W x D)	222 x 448 x 570 mm
Rack mount	5 height units (U)
Weight	ca. 21 - 33 kg (dependent on configuration)

<b>Memory modules</b>	256, 512 Mbyte, 1, 2 Gbyte SDRAM
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 4 per system
15000 rpm	18, 36, 73 Gbyte; max. 4 per system

## Data sheet

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[Click here - to get more information about PRIMERGY Server](#)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

## Base Units for PRIMERGY C200

Type 1: K836-V1..., -V3...

## Processor Modules

Processor PIII 1GHz FCPGA	S26361-F2369-L300	420				1)
Processor PIII 1,13GHz/512KB	S26361-F2599-L113	540				1)
Processor PIII 1,26GHz/512KB	S26361-F2599-L126	540				1)
Processor PIII 1,40GHz/512KB	S26361-F2599-L140	580				1)

## Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

## Memory

Mem 512MB SDRAM PC133 ECC	S26361-F2306-L523	395				
Mem 1GB SDRAM PC133 ECC	S26361-F2306-L524	675				
Mem 2GB SDRAM PC133 ECC	S26361-F2306-L825	1,495				

## Remarks:

## Hard Disk Drives

### 1" Frames

HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				

## Remarks:

		Spezifikation							Positioning
<b>Controllerboards</b>									
<b>RAID Controller</b>									
<b>Mylex 1# (BobCat)</b>									
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex			S26361-F2406-L16	530					
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520					
<b>Mylex 2#</b>									
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010					
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250					
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940					
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50					
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250					
<b>SCSI Controller</b>									
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540					
<b>SCSI U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210					
SCSI Ctrl, 1xU160 int.			S26361-F2644-L1	130					
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890					
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245					
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Terminal Controller</b>									
Serieller I/O Ctrl 4xCOM			SNP:SY-F1810L1-A	245				01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85					
<b>100 Mbit - 2 port</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245					
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175					
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625					
Remarks:									
<b>Power Supplies</b>									
Power Supply Module 250W (hot plug)			S26113-F449-L11	210					2)
Power Supply Upgrade 250W (hot plug)			S26113-F449-L1	350					3)
Remarks:									
2) Hot-plug power supply can be applied for basic units with hot-plug power supply functionality.									
3) Conversion Kit from Standard Power Supply to Hot-Plug Power Supply.									

		Spezifikation									Positioning
<b>Storage Devices</b>											
<b>CD-ROM ATAPI</b>											
CD-ROM ATAPI			SNP:SY-F2240L1-A	35							
<b>DVD-ROM ATAPI</b>											
DVD-ROM ATAPI			SNP:SY-F2234L1-A	55							
<b>DDS 4 and DDS 4 Autoloader</b>											
Tape Drv DAT DDS4 20GB 2.8MB/s internal			S26361-F2233-L3	690							
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR			S26361-F2233-L31	740							
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.			S26361-F2233-L13	2.040							
<b>DLT 8000</b>											
Tape Drv DLT 8000 40GB 6MB/s internal			S26361-F2232-L3	2.840							
<b>SLR</b>											
<b>SLR 100</b>											
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3	1.740							
Remarks:											
<b>Rack Options</b>											
<b>Classic Rack (42/23 U Rack)</b>											
Conversion Floor->Rack PY TX150/Cxxx			S26361-F2618-L220	95							
RMK 1/2 CR telescopic rails		(for details see excel column B)	S26361-F1331-L7	243							
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>											
Conversion Floor->Rack PY TX150/Cxxx			S26361-F2618-L220	95							
RMK 1 D/P/3rd P Racks telescopic rails		(for details see excel column B)	S26361-F2734-L31	243							
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>											
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125							
Adapter angle PC/DC-Rack, till 50Kg		(for details see excel column B)	S26361-F2735-L10	25							
Remarks:											
<b>Other Options</b>											
SCSI interface external f. on-board Ctrl			T26139-Y3849-L1	45							
Remarks:											
<b>Remote View</b>											
RemoteView Service Board			S26361-F2425-L100	370							
RemoteView Software 3.10			S26361-F1790-L219	50							
RemoteView Software V3.0			S26361-F1790-L218	50							
RemoteView external Power Supply			S26361-F2425-L300	40							
RV Cables C150, C/F/P200, F/P250			S26361-F2425-L114	80							
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>											
RV Diagnosis C150, C200, TX150			S26361-F2116-L12	70							
Remarks:											

# PRIMERGY 470

# 2-way Workgroup Server



### Specifikation

<b>Type</b>	2-way Workgroup Server
<b>System board</b>	
Processor	Intel Pentium® III 450 – 850 MHz
Clock speed (MHz)	100 MHz
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte
RAM	128 MB - 2 GB SDRAM with ECC
Bus system	PCI 32-bit; ISA; AGP

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III	800 /100 MHz, 256 KB SLC
	850 /100 MHz, 256 KB SLC
<b>Memory modules</b>	128, 256, 512 Mbyte SDRAM

<b>1.6" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 4 per system
<b>1" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 6 per system

### Hardware-Description

With its Dual-Independent bus architecture with 100 MHz front-side bus, the Pentium® III processor delivers high processor and I/O performance. A 32 KB first level cache has been integrated to give a further performance boost. Two Intel Pentium® III processors can be installed in the system, making sufficient power available even for compute intensive applications. PRIMERGY workgroup servers use only Intel Pentium® III processors with 256 KB ECC protected second-level cache.

There are 4 slots on the motherboard, enabling memory to be expanded to a current maximum of 2 GB. A 1-channel LVD / U2W SCSI controller is located on the motherboard. Internal the PRIMERGY 470 six 1" bays for hot-plug hard disks with 9, 18 and 36 Gbyte capacity, dividing in 2 SCSI channels.

### Dimension, weight

Dimension (H x W x D)	460 x 280 x 685 mm
Rack mount	6 height units (U)
Weight	ca. 20 kg (dependent on configuration)

### Data sheet

(Click here for download)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro		

### Base Units for PRIMERGY 470

**Type 1:** K482-V... / 1.6" Disk Frames; ID-No. YBNWxxx, YBNXxxx  
**Type 2:** K632-V... / 1" Disk Frames; ID-No. YBLGxxx, YBLHxxx

### Hard Disk Drives

#### 1.6" Frames

HDD U2W 10k 36GB hot plug 1.6"	SNP:SY-F1899L136-A	325	2)
HDD U2W 10k 73GB hot plug 1.6"	S26361-F1899-L173	465	1)
HDD U2W 10k 146GB hot plug 1.6"	S26361-F1899-L114	805	1)

#### 1" Frames

HDD U160 10k 36GB hot plug 1"-AL	SNP:SY-F2266L136-A	285	3)
HDD U160 10k 73GB hot plug 1"-AL	S26361-F2266-L173	405	3)
HDD 146GB 10k, U160 hot plug 1"	S26361-F2266-L114	715	3)

#### Remarks:

- 2) Type 1 Base Units only!
- 3) Type 2 Base Units only!

Controllerboards									
<b>RAID Controller</b>									
<b>Mylex 1# (BobCat)</b>									
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex				S26361-F2406-L16	530				
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec				S26361-F2405-L32	520				
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec				S26361-F2385-L32	940				
RAID Ctrl Cache Upgrade 32MB Adaptec				S26361-F2386-L32	50				
RAID Ctrl Battery Backup Unit Adaptec				S26361-F2386-L10	250				
<b>SCSI Controller</b>									
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec				S26361-F1722-L1	540				
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit				S26361-F2854-L1	245				
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC				SNP:SY-F2244L1-P	1.155				
FC Ctrl 1Gbit/s QLA2200 MMF SC				SNP:SY-F2244L2-P	1.590				
FC Ctrl 1Gbit/s LP8000 MMF SC				SNP:SY-F1826L1-P	2.395				
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive				S26361-F1809-L1	815				
ISDN S2m-Controller (30B+D) aktiv PCI up				SNP:SY-F2090L1-A	9.950			01.10.2004	
<b>Terminal Controller</b>									
Serieller I/O Ctrl 4xCOM				SNP:SY-F1810L1-A	245			01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX				S26361-F2643-L1	85				
<b>100 Mbit - 2 port / Adaptec</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec				S26361-F2606-L1	245				
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X				S26361-F2730-L1	175				
Gigabit Ethernet contr. 1000SX, PCI-X				S26361-F2732-L1	625				
Remarks:									
<b>Power Supplies</b>									
Power supply module 400W (hot plug)				SNP:PS-F234L1-P	350			17.12.2004	4)
Remarks:									
4) Hot-plug power supply can be applied for basic units with hot-plug power supply functionality.									

# PRIMERGY 470

# 2-way Workgroup Server



Storage Devices									
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal			S26361-F1730-L1	820					
<b>DDS 4 and DDS 4 Autoloader</b>									
Tape Drv DAT DDS4 20GB, 3MB/s, internal			SNP:SY-F2233L1-A	1.035					
Tape Drv DAT DDS4 6x20GB, 3MB/s, intern.			SNP:SY-F2233L10-A	2.740					
Remarks:									
Rack Options									
<b>Classic Rack (42/23 U Rack)</b>									
Conversion kit to rack-BU of E200/4xx			S26361-F1729-L2	285					
RMK CR-Rack P4xx/E2xx telescopic rails		(for details see excel column B)	SNP:SY-F2148L4-A	195				17.12.2004	
<b>PrimerCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
Conversion kit to rack-BU of E200/4xx			S26361-F1729-L2	285					
"Mounting kit 19" PC/DC-Rack P4xx/E2xx"		(for details see excel column B)	SNP:SY-F2261L21-P	290				17.12.2004	
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimerCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125					
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	35					
Remarks:									
Remote View									
RemoteView Service Board			S26361-F2425-L100	370					
RemoteView Software V3.0			S26361-F1790-L218	50					
RemoteView Batteryboard			S26361-F2425-L200	240					
RemoteView external Power Supply			S26361-F2425-L300	40					
RemoteView Cables			S26361-F2425-L115	70					
Remarks:									
Other Options									
Remarks:									

# PRIMERGY E200

# 2-way Workgroup Server



### Specifikation

<b>Type</b>	2-way Workgroup Server
<b>System board</b>	
Processor	Intel Pentium® III 800 MHz – 1 GHz
Clock speed (MHz)	800/133, 866/133, 933/133, 1GHz/133
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte
RAM	128 MB - 4 GB SDRAM with ECC
Bus system	PCI 64/33 MHz; PCI 32/33 MHz

### Hardware-Description

The PRIMERGY E200 is a dual Intel Pentium® III server in the performance class for mission-critical applications. Because of its architecture, the Intel Pentium® III processors offers excellent processing and I/O performance. To further increase performance a 256-Kbyte ECC-protected second level cache operating at a full CPU speed is also integrated in addition to the 32-Kbyte first level cache. Two Intel Pentium® III processors with a 133-MHz front-side bus can be integrated in the system, offering top performance for their part CPU-intensive applications. The working memory can be extended to up to 4 Gbytes using 133-MHz SDRAM modules. The entire memory is protected. The system board is equipped with a high performance 2-channel U160 SCSI controller. In addition the PRIMERGY E200 has six 1-inch locations for hot-plug disks.

### Upgrades, options

<b>Processors</b>	866 /133 MHz, 256 KB SLC
Intel Pentium® III Xeon	933 /133 MHz, 256 KB SLC
	1 GHz /133 MHz, 256 KB SLC
<b>Memory modules</b>	256, 512 Mbyte, 1 Gbyte SDRAM
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73 Gbyte; max. 6 per system
15000 rpm	18, 36, 73 Gbyte; max. 6 per system

### Dimension, weight

Dimension (H x W x D)	460 x 280 x 685 mm
Rack mount	6 height units (U)
Weight	ca. 20 kg (dependent on configuration)

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[Data sheet](#)

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Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY E200

Type 1: K580-V40., -V30., -V20., -V10.

### Processor Modules

Processor PIII 1GHz FCPGA	S26361-F2369-L300	420				1)
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Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 256MB (1x256) SDRAM PC133 ECC	SNP:SY-F2306L513-A	195				
Mem 512MB (1x512) SDRAM PC133 ECC	SNP:SY-F2306L514-A	335				
Mem 1GB (1x1) SDRAM PC133 ECC	SNP:SY-F2306L515-A	745				

Remarks:

### Hard Disk Drives

<b>1" Alu Frames</b>						
HDD U160 10k 36GB hot plug 1"-AL	SNP:SY-F2266L136-A	285				
HDD U160 10k 73GB hot plug 1"-AL	S26361-F2266-L173	405				
HDD 146GB 10k, U160 hot plug 1"	S26361-F2266-L114	715				
HDD U160 15k 18GB hot plug 1"-AL	S26361-F2266-L518	275				
HDD U160 15k 36GB hot plug 1"-AL	S26361-F2266-L536	375				
HDD U160 15k 73GB hot plug 1"	S26361-F2266-L573	685				
Conversion kit E200 for 2x3 HD 2-channel	SNP:SY-F2290L1-A	220			17.12.2004	

Remarks:



Controllerboards									
<b>RAID Controller</b>									
<b>Mylex 1# (BobCat)</b>									
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex			S26361-F2406-L16	530					
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520					
<b>Mylex 2#</b>									
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010					
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250					
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940					
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50					
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250					
<b>SCSI Controller</b>									
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540					
<b>AHA29160 U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210					
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890					
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245					
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85					
<b>100 Mbit - 2 port / Adaptec</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245					
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175					
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625					
Remarks:									
<b>Power Supplies</b>									
Power supply module 400W (hot plug)			SNP:PS-F234L1-P	350				17.12.2004	2)
Remarks:									
2) Hot-plug power supply can be applied for basic units with hot-plug power supply functionality.									
3) Conversion Kit from Standard Power Supply to Hot-Plug Power Supply.									
<b>Storage Devices</b>									
<b>CD-ROM ATAPI</b>									
CD-ROM ATAPI			SNP:SY-F2240L1-A	35					
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI			SNP:SY-F2234L1-A	55					

# PRIMERGY E200

# 2-way Workgroup Server



<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal			S26361-F1730-L1	820					
Adapter for 8bit SCSI devices		(for details see excel column B)	S26361-F2395-L2	45					
<b>DDS 4 and DDS 4 Autoloader</b>									
Tape Drv DAT DDS4 20GB, 3MB/s, internal			SNP:SY-F2233L1-A	1.035					
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR			S26361-F2233-L31	740					
Tape Drv DAT DDS4 6x20GB, 3MB/s, intern.			SNP:SY-F2233L10-A	2.740					
<b>DLT 8000</b>									
Tape Drv DLT 8000 40GB 6MB/s internal			S26361-F2232-L3	2.840					
<b>LTO</b>									
Tape Drv LTO Ultrium 100GB 7.5MB/s int.			S26361-F2573-L3	2.340					
<b>SLR</b>									
<b>SLR 100</b>									
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3	1.740			0		
Remarks:									
<b>Rack Options</b>									
<b>Classic Rack (42/23 U Rack)</b>									
Conversion kit to rack-BU of E200/4xx			S26361-F1729-L2	285					
RMK CR-Rack P4xx/E2xx telescopic rails		(for details see excel column B)	SNP:SY-F2148L4-A	195			17.12.2004		
<b>PrmeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
Conversion kit to rack-BU of E200/4xx			S26361-F1729-L2	285					
"Mounting kit 19" PC/DC-Rack P4xx/E2xx"		(for details see excel column B)	SNP:SY-F2261L21-P	290			17.12.2004		
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125					
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	35					
Remarks:									
<b>Remote View</b>									
RemoteView Service Board			S26361-F2425-L100	370					
RemoteView Software 3.10			S26361-F1790-L219	50					
RemoteView Software V3.0			S26361-F1790-L218	50					
RemoteView Batteryboard			S26361-F2425-L200	240					
RemoteView external Power Supply			S26361-F2425-L300	40					
RemoteView Cables			S26361-F2425-L112	50					
Remarks:									
<b>Other Options</b>									
SCSI interface external f. on-board Ctrl			T26139-Y3849-L1	45					
Remarks:									

# PRIMERGY F200

# 2-way All-round Server



### Spezifikation

### Positioning

<b>Type</b>	Dual Processor All-round Server
<b>System board</b>	
Processor	Intel Pentium® III (FC-PGA 2) with up to 1.4 GHz
Clock speed (MHz)	1 GHz - 1.4 GHz/133 MHz, 512 KB SLC
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte (1 GHz) or 512 Kbyte
RAM	256 MB – 4 GB SDRAM with ECC and Memory Scrubbing in 2 banks with 4 slots
I/O slots	4 x PCI 64-bit, 66 MHz (3.3 V) or Universal Card, 2 x PCI 32-bit, 33 MHz (5 V) or Universal Card

Pro Manageability and Security Package + extend security. The PRIMERGY F200 is positioned as a platform for medium-sized and small organizations offers complete functionality and the very highest processor power. The PRIMERGY F200 server is use as branch system, as departmental server for business critical applications with high availability as platform for Navision or entry system respectively development system for mySAP.com (R/3), as an server for office solutions, a database server or a e-mail or cache server, as a server for e-commerce tions and content serving in Intranet/Internet enviro as a communication server with complete function. PRIMERGY F200 also offers all the features requ as a node in failover cluster configurations, as well small and medium sized ERP installations.

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III	1 GHz/133 MHz, 512 KB SLC 1.13 GHz/133 MHz, 512 KB SLC 1.26 GHz/133 MHz, 512 KB SLC 1.40 GHz/133 MHz, 512 KB SLC

### Dimension, weight

Floor (H x W x D)	472.8 x 174.7 x 742.75 mm
Rack (H x W x D)	177 x 444 x 735 mm
Rack mount	4 height units (U)
Weight	ca. 20 kg (dependent on configuration)

<b>Memory modules</b>	256, 512 Mbyte, 1, 2 Gbyte SDRAM
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 6 per system
15000 rpm	18, 36, 73 Gbyte; max. 6 per system

[Data sheet](#)

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Description	Detailed description	Order No.	ERRP	EDRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro				

### Base Units for PRIMERGY F200

Type 1: K643-V1..., -V3..

### Processor Modules

Processor PIII 1GHz FCPGA	S26361-F2369-L300	420					1)
Processor PIII 1,13GHz/512KB	S26361-F2599-L113	540					1)
Processor PIII 1,26GHz/512KB	S26361-F2599-L126	540					1)
Processor PIII 1,40GHz/512KB	S26361-F2599-L140	580					1)

Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 512MB SDRAM PC133 ECC	S26361-F2306-L523	395					
Mem 1GB SDRAM PC133 ECC	S26361-F2306-L524	675					
Mem 2GB SDRAM PC133 ECC	S26361-F2306-L825	1.495					

Remarks:

### Hard Disk Drives

<b>1" Frames</b>							
HDD U160 10k 36GB hot plug 1"	SNP-SY-F2336L136-P	285					
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405					
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715					
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275					
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375					
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685					
Conversion 1 for 2x 3 HD 2-channel	S26361-F2290-L3	145					

Remarks:

		Spezifikation						Positioning
<b>Controllerboards</b>								
<b>RAID Controller</b>								
<b>Mylex 1# (BobCat)</b>								
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex		S26361-F2406-L16	530					
<b>Adaptec 1# 2100S</b>								
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec		S26361-F2405-L32	520					
<b>Mylex 2#</b>								
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex		S26361-F2569-L64	1.010					
RAID Ctrl Battery Backup Unit Mylex		S26361-F2569-L10	250					
<b>Adaptec 2# 3200S</b>								
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec		S26361-F2385-L32	940					
RAID Ctrl Cache Upgrade 32MB Adaptec		S26361-F2386-L32	50					
RAID Ctrl Battery Backup Unit Adaptec		S26361-F2386-L10	250					
<b>Mylex 4# (Big Apple)</b>								
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl		S26361-F2190-L128	2.280					
<b>SCSI Controller</b>								
<b>AHA2944UW</b>								
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec		S26361-F1722-L1	540					
<b>SCSI U160</b>								
SCSI Ctrl, 1x U160 int/ext, SE		S26361-F2399-L1	210					
SCSI Ctrl, 1xU160 int.		S26361-F2644-L1	130					
<b>Fibre Channel</b>								
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC		SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC		SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9002 MMF LC		S26361-F2624-L1	1.890					
FC Ctrl 1Gbit/s LP8000 MMF SC		SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>								
Token Ring Controller 4/16/100 Mbit		S26361-F2854-L1	245					
<b>Misc. LAN/WAN</b>								
X.25 Ctrl 2x X.21 Eicon S94 66MHz 3,3V		S26361-F2610-L2	2.935					
<b>ISDN Controller</b>								
ISDN S0-Ctrl (2B+D) aktive		S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up		SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Terminal Controller</b>								
Serieller I/O Ctrl 4xCOM		SNP:SY-F1810L1-A	245				01.10.2004	
<b>Ethernet Controller</b>								
<b>100 Mbit / Intel</b>								
Fast Ethernet Adapter 10/100TX		S26361-F2643-L1	85					
<b>100 Mbit - 2 port</b>								
Fast Ethernet 10/100TX, 2 Port, IPsec		S26361-F2606-L1	245					
<b>1 Gbit</b>								
Gigabit Ethernet contr. 1000TX, PCI-X		S26361-F2730-L1	175					
Gigabit Ethernet contr. 1000SX, PCI-X		S26361-F2732-L1	625					
Remarks:								
<b>Power Supplies</b>								
Power Supply Upgrade 400W (hot plug)		S26113-F453-L11	630					2)
Power supply module 400W (hot plug)		S26113-F453-L10	210					3)
Remarks:								
2) Hot-plug power supply can be applied for basic units with hot-plug power supply functionality.								
3) Conversion Kit from Standard Power Supply to Hot-Plug Power Supply.								

		Spezifikation								Positioning
<b>Storage Devices</b>										
<b>CD-ROM ATAPI</b>										
CD-ROM ATAPI			SNP:SY-F2240L1-A	35						
<b>DVD-ROM ATAPI</b>										
DVD-ROM ATAPI			SNP:SY-F2234L1-A	55						
<b>Flexy Bay Option FD/DVD</b>										
Flexy Bay Option FD/DVD			S26361-F2557-L2	185						
<b>DDS3</b>										
Tape Drv DAT DDS3 12GB, 1MB/s, internal			S26361-F1730-L1	820						
Adapter for 8bit SCSI devices		(for details see excel column B)	S26361-F2395-L2	45						
<b>DDS 4 and DDS 4 Autoloader</b>										
Tape Drv DAT DDS4 20GB 2.8MB/s internal			S26361-F2233-L3	690						
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR			S26361-F2233-L31	740						
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.			S26361-F2233-L13	2.040						
<b>DLT 8000</b>										
Tape Drv DLT 8000 40GB 6MB/s internal			S26361-F2232-L3	2.840						
<b>LTO</b>										
Tape Drv LTO Ultrium 100GB 7.5MB/s int.			S26361-F2573-L3	2.340						
<b>SLR</b>										
<b>SLR 100</b>										
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3	1.740						
Remarks:										
<b>Rack Options</b>										
<b>Classic Rack (42/23 U Rack)</b>										
Conversionkit 1 floor->rack			S26361-F1729-L110	95						
RMK 1/2 CR telescopic rails		(for details see excel column B)	S26361-F1331-L7	243						
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>										
Conversionkit 1 floor->rack			S26361-F1729-L110	95						
RMK 2 D/P/3rd P Racks telescopic rails		(for details see excel column B)	S26361-F2734-L30	240						
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>										
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125						
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	35						
Remarks:										
<b>Other Options</b>										
<b>LocalView Option Kit 2</b>										
SCSI interface external f. on-board Ctrl			S26361-F2557-L101	120						
			T26139-Y3849-L1	45						
Remarks:										
<b>Remote View</b>										
<b>RemoteView Service Board</b>										
RemoteView Software 3.10			S26361-F2425-L100	370						
RemoteView Software V3.0			S26361-F1790-L219	50						
RemoteView Software V3.0			S26361-F1790-L218	50						
RemoteView Batteryboard			S26361-F2425-L200	240						
RemoteView external Power Supply			S26361-F2425-L300	40						
RV Cables C150, C/F/P200, F/P250			S26361-F2425-L114	80						
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>										
RV Diagnosis F200/250, TX200/300			S26361-F2116-L9	70						
Remarks:										

# PRIMERGY F250

# 2-way All-round Server



### Specification

<b>Type</b>	Dual Processor Floorstand Server
<b>System board</b>	
Processor/Clock speed (MHz)	Intel® XEON™ with 1.80 / 2 / 2.20 / 2.40 GHz
Front-Side-Bus	quad-pumped 100 MHz FSB
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	512 Kbyte
RAM	256 MB – 12 GB PC1600 DDR with ECC Memory Scrubbing, 3 banks, 2 modules each
I/O slots	Chipkill™ support (for modules greater than 128 MB) 2 x 64-bit/PCI-X 100 MHz hot-plug (3,3 V) 2 x 64-bit, 66 MHz (3,3 V) 2 x 32-bit, 33 MHz (5 V, 1 x short)

### Positioning

Positioned as Full Feature Workgroup Server with DUAL processor performance in the business server market, this system is the ideal application server for warehousing applications as well as directory and cache server applications in medium and bigger companies. The new processor technology with its "Hyper Threading" architecture makes high performance bandwidth accessible. One physical Xeon processor appears to the software (applications operating system) as 2 (logical) processors. But also applications as node in a failover cluster, e-commerce applications in a cluster configuration, content serving in Intranet / Internet environments, small R/3 installations in small and medium sized companies will be expected. System functionality like optional hot-plug fans and power supplies lower the total cost of ownership of the system. Users, requiring high performance in a small floorstand or in a space saving housing, with additional needs concerning data availability, scalability, availability and expandability will find a platform with the PRIMERGY F250.

### Upgrades, options

<b>Processors</b>	
Intel® XEON™	1.80 / 2 / 2.20 / 2.40 GHz
<b>Memory modules</b>	256, 512 Mbyte, 1, 2, 4 Gbyte PC1600 DDR
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73 Gbyte; max. 6 per system

### Dimension, weight

Floor (H x W x D)	472.8 x 174.7 x 742.75 mm
Rack (H x W x D)	177 x 444 x 735 mm
Rack mount	4 height units (U)
Weight	ca. 20 kg (dependent on configuration)

[Click her - to get more information about PRIMERGY Server](#)

[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	EDRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro				

### Base Units for PRIMERGY F250

Type 1: K644-V1..., -V3..

### Processor Modules

Processor	Order No.	ERRP	EDRP	Directions for use yes/no	Prospective Last Order	Remarks
Processor XEON DP 1.8GHz/512kB	S26361-F2549-L180	520				1)
Processor Xeon 2GHz/512KB	S26361-F2549-L200	570				1)
Processor Xeon 2,20GHz/512KB	S26361-F2549-L220	570				1)
Processor XEON DP 2.4GHz/512kB	S26361-F2549-L240	570				1)
Processor XEON DP 2.6GHz/512kB	S26361-F2549-L260	670				1)
Processor XEON DP 2.8GHz/512kB	S26361-F2549-L280	820				1)

### Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Memory	Order No.	ERRP	EDRP	Directions for use yes/no	Prospective Last Order	Remarks
Mem 1GB DDR-RAM PC1600 ECC	S26361-F2550-L524	625				
Mem 2GB DDR-RAM PC1600 ECC	S26361-F2550-L525	1.355				
Mem 4GB DDR-RAM PC1600 ECC	S26361-F2550-L526	3.875				

### Remarks:

### Hard Disk Drives

1" Frames	Order No.	ERRP	EDRP	Directions for use yes/no	Prospective Last Order	Remarks
HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				

Conversion 1 for 2x 3 HD 2-channel

### Remarks:

		Spezifikation							Positioning
<b>Controllerboards</b>									
<b>RAID Controller</b>									
<b>Mylex 1# (BobCat)</b>									
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex			S26361-F2406-L16	530					
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520					
<b>Mylex 2#</b>									
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010					
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250					
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940					
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50					
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250					
<b>Mylex 4# (Big Apple)</b>									
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl			S26361-F2190-L128	2.280					
<b>SCSI Controller</b>									
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540					
<b>SCSI U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210					
SCSI Ctrl, 1xU160 int.			S26361-F2644-L1	130					
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890					
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245					
<b>Misc. LAN/WAN</b>									
X.25 Ctrl 2x X.21 Eicon S94 66MHz 3,3V			S26361-F2610-L2	2.935					
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Terminal Controller</b>									
Serieller I/O Ctrl 4xCOM			SNP:SY-F1810L1-A	245				01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85					
<b>100 Mbit - 2 port</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245					
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175					
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625					
Remarks:									
<b>Power Supplies</b>									
Power supply module 400W (hot plug)			S26113-F453-L10	210					3)
Remarks:									
2) Hot-plug power supply can be applied for basic units with hot-plug power supply functionality.									
3) Conversion Kit from Standard Power Supply to Hot-Plug Power Supply.									

# PRIMERGY F250

# 2-way All-round Server



		Spezifikation																	Positioning
<b>Storage Devices</b>																			
<b>CD-ROM ATAPI</b>																			
CD-ROM ATAPI			SNP:SY-F2240L1-A		35														
<b>DVD-ROM ATAPI</b>																			
DVD-ROM ATAPI			SNP:SY-F2234L1-A		55														
<b>Flexy Bay Option FD/DVD</b>																			
Flexy Bay Option FD/DVD			S26361-F2557-L2		185														
<b>DDS 4 and DDS 4 Autoloader</b>																			
Tape Drv DAT DDS4 20GB 2.8MB/s internal			S26361-F2233-L3		690														
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR			S26361-F2233-L3f		740														
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.			S26361-F2233-L13		2.040														
<b>DLT 8000</b>																			
Tape Drv DLT 8000 40GB 6MB/s internal			S26361-F2232-L3		2.840														
<b>LTO</b>																			
Tape Drv LTO Ultrium 100GB 7.5MB/s int.			S26361-F2573-L3		2.340														
<b>SLR</b>																			
<b>SLR 100</b>																			
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3		1.740														
Remarks:																			
<b>Rack Options</b>																			
<b>Classic Rack (42/23 U Rack)</b>																			
Conversionkit 1 floor->rack			S26361-F1729-L110		95														
RMK 1/2 CR telescopic rails		(for details see excel column B)	S26361-F1331-L7		243														
<b>PrmeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>																			
Conversionkit 1 floor->rack			S26361-F1729-L110		95														
RMK 2 D/P/3rd P Racks telescopic rails		(for details see excel column B)	S26361-F2734-L30		240														
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>																			
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14		125														
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15		35														
Remarks:																			
<b>Other Options</b>																			
<b>LocalView Option Kit 2</b>																			
SCSI interface external f. on-board Ctrl			S26361-F2557-L101		120														
			T26139-Y3849-L1		45														
Remarks:																			
<b>Remote View</b>																			
<b>RemoteView Service Board</b>																			
RemoteView Software 3.10			S26361-F2425-L100		370														
RemoteView Software V3.0			S26361-F1790-L219		50														
RemoteView external Power Supply			S26361-F1790-L218		50														
RV Cables C150, C/F/P200, F/P250			S26361-F2425-L300		40														
			S26361-F2425-L114		80														
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>																			
RV Diagnosis F200/250, TX200/300			S26361-F2116-L9		70														
Remarks:																			



# PRIMERGY 670-20

# 2-way Enterprise Server



### Specifikation

<b>Type</b>	2-way Enterprise Server
<b>System board</b>	
Processor	Intel Pentium® III 450 – 850 MHz
Clock speed (MHz)	100MHz
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte
RAM	128 MB - 2 GB SDRAM with ECC
Bus system	PCI 32-bit; ISA; AGP

### Hardware-Description

With its Dual-Independent Bus architecture, the Intel Pentium® III chip delivers high processor and I/O performance. To boost performance further, a 32 Kbyte first-level cache is integrated. Two Intel Pentium® III processors with 100 MHz front side bus can be installed in the system. PRIMERGY server make us of Intel Pentium® III processors with 256Kbyte ECC (Error Correction Code) protected second-level cache.

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III	800 /100 MHz, 256 KB SLC
	850 /100 MHz, 256 KB SLC
<b>Memory modules</b>	128, 256, 512 Mbyte SDRAM
<b>1.6" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 8 per system

With 4 slots provided on the motherboard, RAM can be expanded to max. 2 GB.  
An LVD/U2W SCSI controller is integrated on board supporting data transfer rates of 80 MB/s. Internal are 2 x 4 drive bays (1,6-inch high) for hard disks.

### Dimension, weight

Dimension (H x W x D)	485 x 403 x 725 mm
Rack mount	7 height units (U)
Weight	ca. 55 kg (dependent on configuration)

### Data sheet

(Click here for download)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro		

### Base Units for PRIMERGY 670-20

Type 1: K531-V3..., -V4..

### Hard Disk Drives

#### 1.6" Alu-Frames

HDD U2W 10k 36GB hot plug 1.6"	SNP:SY-F1899L136-A	325
HDD U2W 10k 73GB hot plug 1.6"	S26361-F1899-L173	465
HDD U2W 10k 146GB hot plug 1.6"	S26361-F1899-L114	805
Conversion kit Hxxx for 2x4 HD 2-channel	SNP:SY-F1937L102-A	220

Remarks:

Controllerboards							
<b>RAID Controller</b>							
<b>Mylex 1# (BobCat)</b>							
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex			S26361-F2406-L16	530			
<b>Adaptec 1# 2100S</b>							
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520			
<b>Adaptec 2# 3200S</b>							
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940			
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50			
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250			
<b>SCSI Controller</b>							
<b>AHA2944UW</b>							
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540			
<b>Fibre Channel</b>							
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155			
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590			
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395			
<b>Token Ring Controller</b>							
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245			
<b>ISDN Controller</b>							
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815			
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950		01.10.2004	
<b>Terminal Controller</b>							
Serieller I/O Ctrl 4xCOM			SNP:SY-F1810L1-A	245		01.10.2004	
<b>Ethernet Controller</b>							
<b>100 Mbit / Intel</b>							
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85			
<b>100 Mbit - 2 port / Adaptec</b>							
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245			
<b>1 Gbit</b>							
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175			
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625			
Remarks:							
<b>Power Supplies</b>							
Power supply module 400W (hot plug)			SNP:PS-F234L1-P	350		17.12.2004	
Remarks:							

**PRIMERGY 670-20**

**2-way Enterprise Server**



Storage Devices							
<b>DDS3</b>							
Tape Drv DAT DDS3 12GB, 1MB/s, internal			S26361-F1730-L1	<b>820</b>			
<b>DDS 4 and DDS 4 Autoloader</b>							
Tape Drv DAT DDS4 20GB 2.8MB/s internal			S26361-F2233-L3	<b>690</b>			2)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	<b>110</b>			
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.			S26361-F2233-L13	<b>2,040</b>			2)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	<b>110</b>			
<b>SLR100</b>							
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3	<b>1,740</b>	<b>0</b>		2)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	<b>110</b>			

Remarks:  
 2) S26361-F2392-L2 has to be ordered additionally.

Rack Options							
<b>Classic Rack (42/23 U Rack)</b>							
Conversionkit PRIMERGY 670/Hx00 1.6" rac			S26361-F1927-L50	<b>140</b>		17.12.2004	3)
RMK 1/2 CR telescopic rails			S26361-F1331-L7	<b>243</b>			3)
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>							
Conversionkit PRIMERGY 670/Hx00 1.6" rac			S26361-F1927-L50	<b>140</b>		17.12.2004	3)
RMK 2 D/P/3rd P Racks telescopic rails		(for details see excel column B)	S26361-F2734-L30	<b>240</b>			3)
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>							
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	<b>125</b>			
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	<b>35</b>			

Remarks:  
 3) This conversion + mounting kit can be used for variants of cabinets greater than YBGB003096!

Remote View							
RemoteView Service Board			S26361-F2425-L100	<b>370</b>			
RemoteView Software V3.0			S26361-F1790-L218	<b>50</b>			
RemoteView Batteryboard			S26361-F2425-L200	<b>240</b>			
RemoteView external Power Supply			S26361-F2425-L300	<b>40</b>			
RemoteView Cables			S26361-F2425-L115	<b>70</b>			

Remarks:

**Other Options**

Remarks:

# PRIMERGY H200

# 2-way All-round Server



### Specifikation

<b>Type</b>	2-way All-round Server
<b>System board</b>	
Processor	Intel Pentium® III Xeon 933 MHz – 1 GHz
Clock speed (MHz)	933/133, 1GHz/133
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte
RAM	256 MB - 8 GB SDRAM with ECC
Bus system	PCI 64 bit; PCI 32 bit

### Hardware-Description

The PRIMERGY H200 from Fujitsu Siemens Computers is an expandable 2-way Pentium® III Xeon Server for solutions with a high data volume, through maximum 12 hard disks (1 inch). This is the perfect system for entering the Pentium® III Xeon Server class. Based on the housing of the successful PRIMERGY H400 the PRIMERGY H200 with up to two Xeon processors is distinguished by low costs. The onboard Ultra 160 SCSI controller technology data transfer rates up to 160 MB/s. Additional performance is provided by two PCI slots with 64-bit/66 MHz. In the 2-way Pentium® III Xeon Server segment, PRIMERGY H200 supports 256 Mbyte to 8 Gbyte memory (PC 133 MHz SDRAM) with ECC and Memory Scrubbing to ensure data integrity. Internally, the PRIMERGY H200 has 2 x 6 bays (1 or 2 x 4 bays (1.6 inch) for hot-plug hard disks.

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III Xeon	933 /133 MHz, 256 KB SLC
	1 GHz /133 MHz, 256 KB SLC
<b>Memory modules</b>	256, 512 Mbyte , 1, 2 Gbyte SDRAM
<b>1.6" Hard disk drives</b>	
10000 rpm	18, 36, 73 Gbyte; max. 8 per system
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 12 per system
15000 rpm	18, 36, 73 Gbyte; max. 12 per system

### Dimension, weight

Dimension (H x W x D)	485 x 403 x 752 mm
Rack mount	7 height units (U)
Weight	ca. 60 kg (dependent on configuration)

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[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY H200

**Type 1:** K607-V10., -V30. / 1.6" Disk Frames  
**Type 2:** K607-V50., -V70. / 1" Disk Frames

### Processor Modules

Processor PIII Xeon 1GHz/256KB	S26361-F2324-L100	1.190				1)
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Remarks:  
 1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 512MB SDRAM PC133 ECC	S26361-F2306-L523	395				
Mem 1GB SDRAM PC133 ECC	S26361-F2306-L524	675				
Mem 2GB SDRAM PC133 ECC	S26361-F2306-L825	1.495				

Remarks:

### Hard Disk Drives

<b>1.6" Frames</b>						
HDD U160 10k 36GB hot plug 1.6"	SNP:SY-F2294L136-A	325				2)
HDD U160 10k 73GB hot plug 1.6"	S26361-F2294-L173	465				2)
HDD 146GB 10k, U160 hot plug 1.6"	S26361-F2294-L114	805				2)
Conversion kit Hxxx for 2x4 HD 2-channel	SNP:SY-F1937L102-A	220				2)
<b>1" Frames</b>						
HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				3)
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				3)
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				3)
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				3)
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				3)
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				3)
Conversion kit Hxxx 1" for 2x6 HD 2-ch.	S26361-F1937-L202	260				3)

Remarks:  
 2) Type 1 Base Units only!  
 3) Type 2 Base Units only!

Controllerboards							
<b>RAID Controller</b>							
<b>Mylex 1# (BobCat)</b>							
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex			S26361-F2406-L16	530			
<b>Adaptec 1# 2100S</b>							
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520			
<b>Mylex 2#</b>							
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010			
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250			
<b>Adaptec 2# 3200S</b>							
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940			
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50			
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250			
<b>Mylex 4# (Big Apple)</b>							
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl			S26361-F2190-L128	2.280			
<b>SCSI Controller</b>							
<b>AHA2944UW</b>							
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540			
<b>AHA29160 U160</b>							
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210			
<b>Fibre Channel</b>							
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155			
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590			
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890			
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395			
<b>Token Ring Controller</b>							
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245			
<b>ISDN Controller</b>							
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815			
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950			01.10.2004
<b>Terminal Controller</b>							
Serieller I/O Ctrl 4xCOM			SNP:SY-F1810L1-A	245			01.10.2004
<b>Ethernet Controller</b>							
<b>100 Mbit / Intel</b>							
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85			
<b>100 Mbit - 2 port / Adaptec</b>							
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245			
<b>1 Gbit</b>							
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175			
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625			
Remarks:							
A) Please be aware of the special Pricing for the Mylex 3# DAC1164 (Little Apple).							
<b>Power Supplies</b>							
Power supply module 400W (hot plug)			SNP:PS-F234L4-A	350			17.12.2004
Remarks:							

Storage Devices									
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal			S26361-F1730-L1	<b>820</b>					
Adapter for 8bit SCSI devices		(for details see excel column B)	S26361-F2395-L2	<b>45</b>					
<b>DDS 4 and DDS 4 Autoloader</b>									
Tape Drv DAT DDS4 20GB 2.8MB/s internal			S26361-F2233-L3	<b>690</b>					4)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	<b>110</b>					
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.			S26361-F2233-L13	<b>2,040</b>					4)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	<b>110</b>					
<b>DLT 8000</b>									
Tape Drv DLT 8000 40GB 6MB/s internal			S26361-F2232-L3	<b>2,840</b>					4)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	<b>110</b>					
<b>LTO</b>									
Tape Drv LTO Ultrium 100GB 7.5MB/s int.			S26361-F2573-L3	<b>2,340</b>					4)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	<b>110</b>					
<b>SLR</b>									
<b>SLR100</b>									
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3	<b>1,740</b>					4)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	<b>110</b>					
Remarks:									
4) S26361-F2392-L2 has to be ordered additionally.									
Rack Options									
<b>Classic Rack (42/23 U Rack)</b>									
Conversionkit PRIMERGY 670/Hx00 1.6" rac			S26361-F1927-L50	<b>140</b>			17.12.2004		5)
Conversionkit PRIMERGY Hx00 1" floor->ra			S26361-F1927-L90	<b>140</b>			17.12.2004		6)
RMK 1/2 CR telescopic rails			S26361-F1331-L7	<b>243</b>					
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
Conversionkit PRIMERGY 670/Hx00 1.6" rac			S26361-F1927-L50	<b>140</b>			17.12.2004		5)
Conversionkit PRIMERGY Hx00 1" floor->ra			S26361-F1927-L90	<b>140</b>			17.12.2004		6)
RMK 2 D/P/3rd P Racks telescopic rails		(for details see excel column B)	S26361-F2734-L30	<b>240</b>					
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	<b>125</b>					
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	<b>35</b>					
Remarks:									
5) Type 1 Base Units only!									
6) Type 2 Base Units only!									
Remote View									
RemoteView Service Board			S26361-F2425-L100	<b>370</b>					
RemoteView Software 3.10			S26361-F1790-L219	<b>50</b>					7)
RemoteView Software V3.0			S26361-F1790-L218	<b>50</b>					
RemoteView external Power Supply			S26361-F2425-L300	<b>40</b>					
RemoteView Cables			S26361-F2425-L110	<b>50</b>					
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>									
RV Diagnosis H/N200, H/N/K400, H250			SNP:SY-F2116L6-A	<b>70</b>					
Remarks:									
7) Type 2 Base Units only!									
Other Options									
SCSI interface external f. on-board Ctrl			SNP:SY-F2287L2-A	<b>80</b>					
Remarks:									

# PRIMERGY H250

# 2-way All-round Server



### Specification

<b>Type</b>	Dual Processor Business Server
<b>System board</b>	
Processor/Clock speed(MHz)	Intel® XEON™ with 1.80 / 2 / 2.20 / 2.40 GHz
Front-Side-Bus	quad-pumped 100 MHz FSB
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	512 Kbyte
RAM	256 MB – 8GB PC1600 DDR with ECC Memory Scrubbing, 3 banks, 2 modules each
Bus system	ChipkillITM support (for modules greater than 128 MB) 2 x 64-bit/PCI-X 100 MHz hot-plug (3,3 V) 2 x 64-bit, 66 MHz (3,3 V), 2 x 32-bit, 33 MHz (5 V, short)

### Upgrades, options

<b>Processors</b>	
Intel® XEON™	1.80 / 2 / 2.20 / 2.40 GHz
<b>Memory modules</b>	256, 512 Mbyte, 1, 2, 4 Gbyte PC1600 DDR
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 12 per system
15000 rpm	18, 36, 73 Gbyte; max. 12 per system

### Positioning

The PRIMERGY Server H250 represents a high performance system in the dual processor business server class offering up to two Intel® XEON™ processors, a 533 MHz front side bus, quad pumped Data Bus, quad pumped Address Bus and 8 Gbyte main memory. The 2-way design is established by the high performance ServerWorks. The PRIMERGY H250 is positioned as an all-purpose server for mid-sized companies and branches of large enterprises. It can also be used as a dedicated task server (database server, web server) for dedicated tasks (database server, web server) centers. This is supported among other things by the fact that it can be integrated as 19-inch variant in a PRIMERGY server rack. With the internal hard disk capacity of up to 876 GByte the PRIMERGY H250 is the right platform for solutions with high data volumes. The PRIMERGY H250 is particularly flexible in its application and combines high performance, scalability, impressive reliability functions and excellent expandability; as application server for mission-critical applications within client/server architectures, as Internet server and as a node in high-availability configurations where the availability of application data are indispensable.

**Dimension, weight**

Dimension (H x W x D)	485 x 403 x 752 mm
Rack mount	7 height units (U)
Weight	ca. 56 kg

(dependent on configuration)

[Data sheet](#) (Click here for download)

[Click her - to get more information about PRIMERGY Server](#)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY H250

Type 1: K642-V2.., -V4..

### Processor Modules

Processor XEON DP 1.8GHz/512kB	S26361-F2549-L180	520				1)
Processor XEON DP 2GHz/512kB	S26361-F2549-L200	570				1)
Processor XEON DP 2.2GHz/512kB	S26361-F2549-L220	570				1)
Processor XEON DP 2.4GHz/512kB	S26361-F2549-L240	570				1)
Processor XEON DP 2.6GHz/512kB	S26361-F2549-L260	670				1)
Processor XEON DP 2.8GHz/512kB	S26361-F2549-L280	820				1)

Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 1GB DDR-RAM PC1600 ECC	S26361-F2550-L524	625				
Mem 2GB DDR-RAM PC1600 ECC	S26361-F2550-L525	1.355				
Mem 4GB DDR-RAM PC1600 ECC	S26361-F2550-L526	3.875				

Remarks:

### Hard Disk Drives

<b>U160</b>						
HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				

# PRIMERGY H250

# 2-way All-round Server



						Positioning	
Spezifikation						The PRIMERGY Server H250 represents a high p	
<b>U320</b>							
HDD U320 10k 36GB hot plug 1"			S26361-F2764-L136	255			4)
HDD U320 10k 73GB hot plug 1"			S26361-F2764-L173	315			4)
HDD U320 10k 146GB hot plug 1"			S26361-F2764-L114	555			4)
HDD U320 15k 18GB hot plug 1"			S26361-F2764-L518	245			4)
HDD U320 15k 36GB hot plug 1"			S26361-F2764-L536	285			4)
HDD U320 15k 73GB hot plug 1"			S26361-F2764-L573	515			4)
Umrüstkit Hx5x 1" für 2x6 HD 2-Kanal			S26361-F1937-L302	475			
Remarks: 4) Type 2 Base Units only!							
<b>Controllerboards</b>							
<b>RAID Controller</b>							
<b>Adaptec U160 0-Channel</b>							
RAID Ctrl U160 0-Channel 48MB Adaptec			S26361-F2728-L48	340			
<b>Mylex 2#</b>							
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010			
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250			
<b>Adaptec 2# 3200S</b>							
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940			
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50			
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250			
<b>Mylex 4# (Big Apple)</b>							
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl			S26361-F2190-L128	2.280			
<b>Adaptec U320 2-ch 2i/2e</b>							
RAID Ctrl U320 2-ch 2i/2e 128MB Adpt			S26361-F2752-L128	820			
RAID Ctrl Battery Backup Unit U320 Adpt			S26361-F2752-L10	210			
<b>SCSI Controller</b>							
<b>AHA2944UW</b>							
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540			
<b>AHA29160 U160</b>							
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210			
<b>Fibre Channel</b>							
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155			
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590			
FC Ctrl 2Gbit/s LP9802 MMF LC			S26361-F2843-L1	1.580			
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890			
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395			
<b>Token Ring Controller</b>							
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245			
<b>Ethernet Controller</b>							
<b>100 Mbit / Intel</b>							
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85			
<b>100 Mbit - 2 port</b>							
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245			
<b>1 Gbit</b>							
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175			
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625			
Eth. Ctrl 1x1Gbit PCI32 PRO/1000MT Cu			S26361-F2839-L1	75			
Remarks:							
<b>Power Supplies</b>							
Power Supply Module 500W (hot plug)			S26113-F234-L5	280			
Remarks:							



# PRIMERGY H250

# 2-way All-round Server



Specification				Positioning			
The PRIMERGY Server H250 represents a high p							
<b>Storage Devices</b>							
<b>CD-ROM ATAPI</b>							
CD-ROM ATAPI		SNP:SY-F2240L1-A	35				
<b>DVD-ROM ATAPI</b>							
DVD-ROM ATAPI		SNP:SY-F2234L1-A	55				
<b>DDS 4 and DDS 4 Autoloader</b>							
Tape Drv DAT DDS4 20GB 2.8MB/s internal		S26361-F2233-L3	690				
Band-LW DAT DDS4 20GB 2.8MB/s fuer OBDR		S26361-F2233-L31	740				
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.		S26361-F2233-L13	2.040				
<b>DAT - DDS Gen5</b>							
Tape Drv DDS Gen5 36GB 3MB/s int.		S26361-F2848-L3	780				
Tape Drv DDS Gen5 36GB 3MB/s for OBDR		S26361-F2848-L31	830				
<b>DLT 8000</b>							
Tape Drv DLT 8000 40GB 6MB/s internal		S26361-F2232-L3	2.840				
<b>LTO</b>							
Tape Drv LTO Ultrium 100GB 7.5MB/s int.		S26361-F2573-L3	2.340				
<b>SLR100</b>							
Tape Drv SLR100 50GB 5MB/s internal		S26361-F2238-L3	1.740				
<b>VXA-2</b>							
Tape Drv VXA-2 80GB 6MB/s int.		S26361-F2849-L3	975				
Remarks:							
<b>Rack Options</b>							
<b>Classic Rack (42/23 U Rack)</b>							
Conversionkit PRIMERGY Hx50 floor->rack		S26361-F1927-L110	95				
RMK 1/2 CR telescopic rails		S26361-F1331-L7	243				
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>							
Conversionkit PRIMERGY Hx50 floor->rack		S26361-F1927-L110	95				
RMK 2 D/P/3rd P Racks telescopic rails	(for details see excel column B)	S26361-F2734-L30	240				
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>							
Adapterkit to DC- and PC- racks	(for details see excel column B)	S26361-F2734-L14	125				
Adapter angle PC/DC-Rack, till 150Kg	(for details see excel column B)	S26361-F2735-L15	35				
Remarks:							
<b>Remote View</b>							
RemoteView Software 3.10		S26361-F1790-L219	50				
RemoteView Software V3.0		S26361-F1790-L218	50				
RemoteView Batteryboard		S26361-F2425-L200	240				
RemoteView external Power Supply		S26361-F2425-L300	40				
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>							
RV Diagnosis H/N200, H/N/K400, H250		SNP:SY-F2116L6-A	70				
Remarks:							
<b>Other Options</b>							
SCSI interface external f. on-board Ctrl		SNP:SY-F2287L2-A	80				
Remarks:							

# PRIMERGY 670-40

# 4-way Enterprise Server



Specification		Hardware-Description	
<b>Type</b>	4-way Enterprise Server		
<b>System board</b>			
Processor	Intel Pentium® III Xeon 550 MHz	The Intel-Pentium® III Xeon processor with 100 M front-side-bus and slot 2 offers high performance and scalability. It features a 512 Kbyte, 1 Mbyte or 2 Mbyte second-level-cache. There are up to 4 processors in the PRIMERGY 670-40 possible. This offers the flexibility you are allowed to expect this performance class.	
Clock speed (MHz)	550/100		
cache bus / host bus			
First-Level-Cache	32 Kbyte (2 x 16 Kbyte integrated)		
Second-Level-Cache	512 Kbyte, 1 and 2 Mbyte with ECC (standard)		
RAM	256 MB – 4 GB EDO DIMM with ECC (standard)	The minimum RAM configuration is 256 Mbyte and this can be upgraded to max. 4 Gbyte. Internal are 2 x 4 drive bays (1.6-inch high) for hard disks available.	
Access time	50 ns		
Bus system	PCI 64-bit. PCI 32-bit; ISA		
<b>Upgrades, options</b>			
<b>Processors</b>		<b>Dimension, weight</b>	
Intel Pentium® III Xeon		Dimension	485 x 403 x 725 mm
	550 /100 MHz, 512 KB SLC	(H x W x D)	
	550 /100 MHz, 1 MB SLC	Rack mount	7 height units (U)
	550 /100 MHz, 2 MB SLC	Weight	ca. 60 kg
<b>Memory modules</b>	512 MB, 1 GB EDO-RAM	(dependent on configuration)	
<b>1.6" Hard disk drives</b>		<a href="#">Data sheet</a>	
10000 rpm	18, 36 Gbyte; max. 8 per system	(Click here for download)	

[Click her - to get more information about PRIMERGY Server](#)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro		

### Base Units for PRIMERGY 670-40

**Type 1:** K531-V11., -V21. / 500 MHz models  
**Type 2:** K531-V12., -V22. / 550 MHz models

### Processor Modules

Remarks:

### Memory

Remarks:

### Hard Disk Drives

#### 1.6" Alu-Frame

HDD U2W 10k 36GB hot plug 1.6"	SNP:SY-F1899L136-A	325
HDD U2W 10k 73GB hot plug 1.6"	S26361-F1899-L173	465
HDD U2W 10k 146GB hot plug 1.6"	S26361-F1899-L114	805
Conversion kit Hxxx for 2x4 HD 2-channel	SNP:SY-F1937L102-A	220

Remarks:

Controllerboards									
<b>RAID Controller</b>									
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520					
<b>SCSI Controller</b>									
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540					
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590					
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245					
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Terminal Controller</b>									
Serieller I/O Ctrl 4xCOM			SNP:SY-F1810L1-A	245				01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85					
<b>100 Mbit - 2 port / Adaptec</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245					
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175					
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625					
Remarks:									
<b>Power Supplies</b>									
Power supply module 400W (hot plug)			SNP:PS-F234L1-P	350				17.12.2004	
Remarks:									
<b>Storage Devices</b>									
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal			S26361-F1730-L1	820					
<b>DDS 4 and DDS 4 Autoloader</b>									
Tape Drv DAT DDS4 20GB 2.8MB/s internal			S26361-F2233-L3	690					2)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	110					
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.			S26361-F2233-L13	2.040					2)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	110					
<b>SLR100</b>									
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3	1.740					2)
Warm replace kit for tape drive		(for details see excel column B)	S26361-F2392-L2	110					
Remarks:									
2) S26361-F2392-L2 has to be ordered additionally.									
<b>Rack Options</b>									
<b>Classic Rack (42/23 U Rack)</b>									
Conversionkit PRIMERGY 670/Hx00 1.6" rac			S26361-F1927-L50	140				17.12.2004	3)
RMK 1/2 CR telescopic rails			S26361-F1331-L7	243					3)
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
Conversionkit PRIMERGY 670/Hx00 1.6" rac			S26361-F1927-L50	140				17.12.2004	3)
RMK 2 D/P/3rd P Racks telescopic rails		(for details see excel column B)	S26361-F2734-L30	240					3)
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125					
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	35					

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Remarks:  
 3) This conversion + mounting kit can be used for variants of cabinets greater than YBGB003096!

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**Remote View**

RemoteView Service Board			S26361-F2425-L100	<b>370</b>					
RemoteView Software V3.0			S26361-F1790-L218	<b>50</b>					
RemoteView Batteryboard			S26361-F2425-L200	<b>240</b>					
RemoteView external Power Supply			S26361-F2425-L300	<b>40</b>					
RemoteView Cables			S26361-F2425-L116	<b>50</b>					

Remarks:

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**Other Options**

Remarks:

# PRIMERGY H400

# 4-way All-round Server



### Specifikation

### Hardware-Description

<b>Type</b>	4-way All-round Server	The PRIMERGY H400 from Fujitsu Siemens Com
<b>System board</b>		is an scalable 4-way Pentium® III Xeon Server
Processor	Intel Pentium® III Xeon 550 MHz – 900MHz	for solutions with a high data volume, through max
Clock speed (MHz)	550/100 512Kbyte, 550/100 1Mbyte, 550/100 2Mbyte	12 hard disks (1 inch). The PRIMERGY H400 pro
cache bus / host bus	700/100, 1 Mbyte SLC; 700/100, 2 Mbyte SLC	the perfect combination of performance, hard disk
	900/100, 2 Mbyte SLC	expandability and fault tolerance you need for mis
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)	critical applications. The PRIMERGY H400 can be
Second-Level-Cache	1 and 2 Mbyte	ordered and used as a tower or a 19-inch rack var
RAM	256 Mbyte - 16 Gbyte SDRAM	The 2-channel Ultra 160 SCSI controller technolog
	with ECC / ChipKill	data transfer rates up to 160 MB/s. Additional perf
Bus system	PCI 64 bit; PCI 32 bit	is provided by two 32-bit PCI and six 64-bit PCI sl
<b>Upgrades, options</b>		In the 4-way Pentium® III Xeon Server segment,
<b>Processors</b>		PRIMERGY H400 supports 256 Mbyte to 16 Gbyt
Intel Pentium® III Xeon	550/100 512Kbyte, 550/100 1Mbyte, 550/100 2Mbyte	memory (PC 133 MHz SDRAM) with ECC and Me
	700/100, 1 Mbyte SLC; 700/100, 2 Mbyte SLC	Scrubbing and ChipKill to ensure data integrity.
	900/100, 2 Mbyte SLC	Internally, the PRIMERGY H400 has 2 x 6 bays (1
<b>Memory modules</b>	256, 512 Mbyte, 1, 2, 4 Gbyte SDRAM	or 2 x 4 bays (1.6 inch) for hot-plug hard disks.
<b>1.6" Hard disk drives</b>		<b>Dimension, weight</b>
10000 rpm	18, 36, 73 Gbyte; max. 8 per system	Dimension (H x W x D) 485 x 403 x 752 mm
		Rack mount 7 height units (U)
<b>1" Hard disk drives</b>		Weight ca. 60 kg
10000 rpm	18, 36, 73, 146 Gbyte; max. 12 per system	(dependent on configuration)
15000 rpm	18, 36, 73 Gbyte; max. 12 per system	

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[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY H400

- Type 1:** K595V202, -V203, -V204, -V402, -V403, -V404 / 1.6" Disk Frames
- Type 2:** K595V206, -V207, -V406, -V407 / 1.6" Disk Frames
- Type 3:** K595-V60., -V80. / 1" Disk Frames

### Processor Modules

Processor PIII Xeon700MHz/1MB	SNP:SY-F2276L701-A	1.200				1) 3)
Processor PIII Xeon700MHz/2MB	SNP:SY-F2276L702-A	2.100				1) 3)
Processor PIII Xeon 900MHz/2MB	S26361-F2276-L902	3.800				1) 3)

### Remarks:

- In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!
- Type 1 Base Unit only!
- Type 2, 3 Base Unit only!

### Memory

Mem 512MB (4x128) SDRAM ECC Chipkill	SNP:SY-F2174L543-A	465				
Mem 2GB (4x512) SDRAM ECC Chipkill	SNP:SY-F2174L545-A	1.425				
Mem 4GB (4x1024) SDRAM ECC Chipkill	SNP:SY-F2174L546-A	3.225				

### Remarks:

### Hard Disk Drives

<b>1.6" Frames</b>						
HDD U160 10k 36GB hot plug 1.6"	SNP:SY-F2294L136-A	325				4)
HDD U160 10k 73GB hot plug 1.6"	S26361-F2294-L173	465				4)
HDD 146GB 10k, U160 hot plug 1.6"	S26361-F2294-L114	805				4)
Conversion kit Hxxx for 2x4 HD 2-channel	SNP:SY-F1937L102-A	220				4)
<b>1" Frames</b>						
HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				5)
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				5)
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				5)
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				5)
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				5)
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				5)
Conversion kit Hxxx 1" for 2x6 HD 2-ch.	S26361-F1937-L202	260				5)

### Remarks:

- Type 1, 2 Base Units only!
- Type 3 Base Units only!

Controllerboards							
<b>RAID Controller</b>							
<b>Mylex 1# (BobCat)</b>							
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex			S26361-F2406-L16	530			
<b>Adaptec 1# 2100S</b>							
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520			
<b>Mylex 2#</b>							
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010			
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250			
<b>Adaptec 2# 3200S</b>							
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940			
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50			
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250			
<b>Mylex 4# (Big Apple)</b>							
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl			S26361-F2190-L128	2.280			
<b>SCSI Controller</b>							
<b>AHA2944UW</b>							
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540			
<b>AHA29160 U160</b>							
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210			
<b>Fibre Channel</b>							
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155			
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590			
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890			
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395			
<b>Token Ring Controller</b>							
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245			
<b>ISDN Controller</b>							
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815			
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950			01.10.2004
<b>Terminal Controller</b>							
Serieller I/O Ctrl 4xCOM			SNP:SY-F1810L1-A	245			01.10.2004
<b>Ethernet Controller</b>							
<b>100 Mbit / Intel</b>							
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85			
<b>100 Mbit - 2 port</b>							
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245			
<b>1 Gbit</b>							
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175			
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625			
Remarks:							
<b>Power Supplies</b>							
Power supply module 400W (hot plug)			SNP:PS-F234L4-A	350			17.12.2004
Remarks:							

# PRIMERGY H400

# 4-way All-round Server



Storage Devices							
<b>DDS3</b>							
Tape Drv DAT DDS3 12GB, 1MB/s, internal			S26361-F1730-L1	820			
Adapter for 8bit SCSI devices	(for details see excel column B)		S26361-F2395-L2	45			
<b>DDS 4 and DDS 4 Autoloader</b>							
Tape Drv DAT DDS4 20GB 2.8MB/s internal			S26361-F2233-L3	690			6)
Warm replace kit for tape drive	(for details see excel column B)		S26361-F2392-L2	110			
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.			S26361-F2233-L13	2,040			6)
Warm replace kit for tape drive	(for details see excel column B)		S26361-F2392-L2	110			
<b>DLT 8000</b>							
Tape Drv DLT 8000 40GB 6MB/s internal			S26361-F2232-L3	2,840			6)
Warm replace kit for tape drive	(for details see excel column B)		S26361-F2392-L2	110			
<b>LTO</b>							
Tape Drv LTO Ultrium 100GB 7.5MB/s int.			S26361-F2573-L3	2,340			6)
Warm replace kit for tape drive	(for details see excel column B)		S26361-F2392-L2	110			
<b>SLR</b>							
<b>SLR100</b>							
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3	1,740			6)
Warm replace kit for tape drive	(for details see excel column B)		S26361-F2392-L2	110			
Remarks: 6) S26361-F2392-L2 has to be ordered additionally.							
Rack Options							
<b>Classic Rack (42/23 U Rack)</b>							
Conversionkit PRIMERGY 670/Hx00 1.6" rac			S26361-F1927-L50	140		17.12.2004	7)
Conversionkit PRIMERGY Hx00 1" floor->ra			S26361-F1927-L90	140		17.12.2004	8)
RMK 1/2 CR telescopic rails			S26361-F1331-L7	243			
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>							
Conversionkit PRIMERGY 670/Hx00 1.6" rac			S26361-F1927-L50	140		17.12.2004	7)
Conversionkit PRIMERGY Hx00 1" floor->ra			S26361-F1927-L90	140		17.12.2004	8)
RMK 2 D/P/3rd P Racks telescopic rails	(for details see excel column B)		S26361-F2734-L30	240			
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>							
Adapterkit to DC- and PC- racks	(for details see excel column B)		S26361-F2734-L14	125			
Adapter angle PC/DC-Rack, till 150Kg	(for details see excel column B)		S26361-F2735-L15	35			
Remarks: 7) Type 1, 2 Base Units only! 8) Type 3 Base Units only!							
Remote View							
RemoteView Service Board			S26361-F2425-L100	370			
RemoteView Software 3.10			S26361-F1790-L219	50			9)
RemoteView Software V3.0			S26361-F1790-L218	50			
RemoteView Batteryboard			S26361-F2425-L200	240			
RemoteView external Power Supply			S26361-F2425-L300	40			
RemoteView Cables			S26361-F2425-L110	50			
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>							
RV Diagnosis H/N200, H/N/K400, H250			SNP:SY-F2116L6-A	70			
Remarks: 9) Type 3 Base Units only!							
Other Options							
SCSI interface external f. on-board Ctrl			SNP:SY-F2287L2-A	80			
Remarks:							

# PRIMERGY H450

# 4-way All-round Server



## Specifikation

<b>Type</b>	4-way All-round Server
<b>System board</b>	
Processor	Intel® Xeon MP
Clock speed (MHz)	1.4/512Kbyte, 1.5/512Kbyte, 1.6/1Mbyte
cache bus / host bus	1.5/1Mbyte, 1.9/1Mbyte, 2.0/1Mbyte
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte
Third-Level-Cache	512 Kbyte, 1 Mbyte, 2 Mbyte
RAM	512 Mbyte - 16 Gbyte DDR-RAM (PC1600), 4-way inter. ECC protected, Memory Scrubbing, ChipKill, hot-spare
Bus system	5x64-Bit/PCI-X 100MHz; 1x64-Bit/66MHz; 2x32-Bit/33MHz

## Upgrades, options

<b>Processors</b>	
Intel Pentium® III Xeon	1.4/512Kbyte, 1.5/512Kbyte, 1.6/1Mbyte 1.5/1Mbyte, 1.9/1Mbyte, 2.0/1Mbyte

<b>Memory modules</b>	512 Mbyte , 1, 2, 4 Gbyte DDR-RAM
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<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 12 per system
15000 rpm	18, 36, 73 Gbyte; max. 12 per system

## Hardware-Description

The PRIMERGY H450 from Fujitsu Siemens Computers is a system in the 4-way Business Server class for solutions with a high data volume, through maximum expandability and fault tolerance you need for mission critical applications. The PRIMERGY H450 can be ordered and used as a tower or a 19-inch rack variant. The PRIMERGY H450 can also be used as server dedicated tasks (data bases, Data Warehouse, E-Directory Server and Cache Server) in data center. In the 4-way Intel® Xeon Server segment, the PRIMERGY H450 supports 512 Mbyte to 16 Gbyte memory (DDR-RAM PC1600) with ECC and Memory Scrubbing, ChipKill and hot-spare to ensure data integrity. Internally, the PRIMERGY H450 has 2 x 6 bays with an hard disk capacity of up to 876 Gbytes.

## Dimension, weight

Dimension (H x W x D)	485 x 403 x 752 mm
Rack mount	7 height units (U)
Weight	ca. 60 kg (dependent on configuration)

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[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY H450

- Type 1: K630-V20., -V40.
- Type 2: K630-V30., -V50.

### Processor Modules

Processor Xeon MP 1,40GHz/512KB	S26361-F2636-L140	2.390				1) 2)
Processor Xeon MP 1,50GHz/512KB	S26361-F2636-L150	4.140				1) 2)
Processor Xeon MP 1,60GHz/1GB	S26361-F2636-L161	7.790				1) 2)
Processor Xeon MP 1,50GHz/1MB	S26361-F2817-L151	2.290				1) 3)
Processor Xeon MP 1,90GHz/1MB	S26361-F2817-L191	3.250				1) 3)
Processor Xeon MP 2GHz/2MB	S26361-F2817-L202	6.990				1) 3)

### Remarks:

- 1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!
- 2) Type 1 Base Unit only!
- 3) Type 2 Base Unit only!

### Memory

Mem 2GB (4x512) DDR PC1600 ECC	S26361-F2550-L544	1.245				
Mem 4GB (4x1024) DDR PC1600 ECC	S26361-F2550-L545	2.705				

### Remarks:

### Hard Disk Drives

<b>U160</b>						
HDD U160 10k 36GB hot plug 1"	SNP-SY-F2336L136-P	285				
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				



# PRIMERGY H450

# 4-way All-round Server



<b>U320</b>									
HDD U320 10k 36GB hot plug 1"			S26361-F2764-L136	255					4)
HDD U320 10k 73GB hot plug 1"			S26361-F2764-L173	315					4)
HDD U320 10k 146GB hot plug 1"			S26361-F2764-L114	555					4)
HDD U320 15k 18GB hot plug 1"			S26361-F2764-L518	245					4)
HDD U320 15k 36GB hot plug 1"			S26361-F2764-L536	285					4)
HDD U320 15k 73GB hot plug 1"			S26361-F2764-L573	515					4)
Umrüstkit Hx5x 1" für 2x6 HD 2-Kanal			S26361-F1937-L302	475					
Remarks:									
4) Type 2 Base Units only!									
<b>Controllerboards</b>									
<b>RAID Controller</b>									
<b>Adaptec U160 0-Channel</b>									
RAID Ctrl U160 0-Channel 48MB Adaptec			S26361-F2728-L48	340					
<b>Mylex 2#</b>									
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010					
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250					
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940					
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50					
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250					
<b>Mylex 4# (Big Apple)</b>									
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl			S26361-F2190-L128	2.280					
<b>Adaptec U320 2-ch 2i/2e</b>									
RAID Ctrl U320 2-ch 2i/2e 128MB Adpt			S26361-F2752-L128	820					
RAID Ctrl Battery Backup Unit U320 Adpt			S26361-F2752-L10	210					
<b>SCSI Controller</b>									
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540					
<b>AHA29160 U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210					
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9802 MMF LC			S26361-F2843-L1	1.580					
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890					
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245					
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85					
<b>100 Mbit - 2 port</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245					
<b>1 Gbit</b>									
Eth. Ctrl 1x1Gbit PCI-X PRO/1000XT-G2 Cu			S26361-F2730-L2	175					
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625					
Eth. Ctrl 1x1Gbit PCI32 PRO/1000MT Cu			S26361-F2839-L1	75					
Remarks:									
<b>Power Supplies</b>									
Power Supply Module 500W (hot plug)			S26113-F234-L5	280					
Remarks:									

Storage Devices									
<b>CD-ROM ATAPI</b>									
CD-ROM ATAPI								SNP:SY-F2240L1-A	35
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI								SNP:SY-F2234L1-A	55
<b>DDS 4 and DDS 4 Autoloader</b>									
Tape Drv DAT DDS4 20GB 2.8MB/s internal								S26361-F2233-L3	690
Band-LW DAT DDS4 20GB 2.8MB/s fuer OBDR								S26361-F2233-L31	740
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.								S26361-F2233-L13	2.040
<b>DAT - DDS Gen5</b>									
Tape Drv DDS Gen5 36GB 3MB/s int.								S26361-F2848-L3	780
<b>DLT 8000</b>									
Tape Drv DLT 8000 40GB 6MB/s internal								S26361-F2232-L3	2.840
<b>LTO</b>									
Tape Drv LTO Ultrium 100GB 7.5MB/s int.								S26361-F2573-L3	2.340
<b>SLR100</b>									
Tape Drv SLR100 50GB 5MB/s internal								S26361-F2238-L3	1.740
<b>VXA-2</b>									
Tape Drv VXA-2 80GB 6MB/s int.								S26361-F2849-L3	975
Remarks:									
Rack Options									
<b>Classic Rack (42/23 U Rack)</b>									
Conversionkit PRIMERGY Hx50 floor->rack								S26361-F1927-L110	95
RMK 1/2 CR telescopic rails								S26361-F1331-L7	243
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
Conversionkit PRIMERGY Hx50 floor->rack								S26361-F1927-L110	95
RMK 2 D/P/3rd P Racks telescopic rails						(for details see excel column B)		S26361-F2734-L30	240
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks						(for details see excel column B)		S26361-F2734-L14	125
Adapter angle PC/DC-Rack, till 150Kg						(for details see excel column B)		S26361-F2735-L15	35
Remarks:									
Remote View									
RemoteView Software 3.10								S26361-F1790-L219	50
RemoteView Software V3.0								S26361-F1790-L218	50
RemoteView Batteryboard								S26361-F2425-L200	240
RemoteView external Power Supply								S26361-F2425-L300	40
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>									
RV Diagnosis L200, N800, H/R450, T/RX600								S26361-F2116-L8	70
Remarks:									
Other Options									
SCSI interface external f. on-board Ctrl								SNP:SY-F2287L2-A	80
Remarks:									

# PRIMERGY 870-40

# 4-way Enterprise Server



### Specifikation

<b>Type</b>	Expandable 4-way Enterprise Server
<b>System board</b>	
Processor	Intel Pentium® III Xeon 550 MHz
Clock speed (MHz)	550/100
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte integrated)
Second-Level-Cache	512 Kbyte, 1 and 2 Mbyte with ECC (standard)
RAM	256 MB – 8 GB EDO DIMM with ECC (standard)
Access time	50 ns
Bus system	PCI 64-bit, PCI 32-bit, ISA

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III Xeon	
	550 /100 MHz, 512 KB SLC
	550 /100 MHz, 1 MB SLC
	550 /100 MHz, 2 MB SLC
<b>Memory modules</b>	512 MB, 1 GB EDO-RAM
<b>1,6" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 12 per system

### Hardware-Description

The Intel Pentium® III Xeon processor with 100MHz front-side-bus and slot 2 offers high performance, enhanced management functions and scalability. It features a 512 Kbyte, 1 Mbyte or 2 Mbyte second level cache. There are up to 4 processors in the PRIMERGY 870-40 possible. The processor board of the PRIMERGY 870-40 consists of individually plug in CPU modules. This makes it easy to increase processor performance. An 2 channel UW SCSI controller is integrated on board, supporting data transfer of 40 Mbyte/s. The minimum RAM configuration is 256 Mbyte and this can be upgraded to max. 8 Gbyte. A dedicated disk array with twelve 1.6 inch high bays accommodates the hot-plug hard disks.

### Dimension, weight

Dimension (H x W x D)	630 x 486 x 753 mm
Rack mount	14 height units (U)
Weight (full configuration)	max. 105 kg

[Data sheet](#)

(Click here for download)

[Click her - to get more information about PRIMERGY Server](#)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP		Directions for use yes/no	Prospective Last Order	Remarks
			Euro				

### Base Units for PRIMERGY 870-40

Type 1: K504V1..., V2..., V3..., V4

### Processor Modules

Remarks:

### Memory

Remarks:

### Hard Disk Drives

#### 1,6" Frames

HDD U2W 10k 36GB hot plug 1.6"	SNP:SY-F1899L136-A	325
HDD U2W 10k 73GB hot plug 1.6"	S26361-F1899-L173	465
HDD U2W 10k 146GB hot plug 1.6"	S26361-F1899-L114	805

Remarks:

### Controllerboards

#### RAID Controller

<b>Adaptec 1# 2100S</b>		
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec	S26361-F2405-L32	520

#### SCSI Controller

<b>AHA2944UW</b>		
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec	S26361-F1722-L1	540

#### Fibre Channel

FC Ctrl 1Gbit/s QLA2200 Cu HSSDC	SNP:SY-F2244L1-P	1.155
FC Ctrl 1Gbit/s QLA2200 MMF SC	SNP:SY-F2244L2-P	1.590
FC Ctrl 1Gbit/s LP8000 MMF SC	SNP:SY-F1826L1-P	2.395

#### ISDN Controller

**PRIMERGY 870-40**

**4-way Enterprise Server**



ISDN S0-Ctrl (2B+D) aktive		S26361-F1809-L1	815						
ISDN S2m-Controller (30B+D) aktiv PCI up		SNP:SY-F2090L1-A	9.950					01.10.2004	
<b>Terminal Controller</b>									
Serieller I/O Ctrl 4xCOM		SNP:SY-F1810L1-A	245					01.10.2004	
Remarks:									
<b>Power Supplies</b>									
Power supply module 400W (hot plug)		SNP:PS-F234L1-P	350					17.12.2004	
Remarks:									
<b>Storage Devices</b>									
<b>DDS3</b>									
Tape Drv DAT DDS3 12GB, 1MB/s, internal		S26361-F1730-L1	820						
Remarks:									
<b>Rack Options</b>									
<b>PrimerCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
RMK D/P/3rd P Racks P870/K400 telescopic		(for details see excel column B) SNP:SY-F2261L51-P	415					17.12.2004	
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B) S26361-F2734-L14	125						
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B) S26361-F2735-L15	35						
Remarks:									
<b>Remote View</b>									
Remarks:									
<b>Other Options</b>									
Remarks:									

# PRIMERGY K400

# 4-way All-round Server



### Specification

<b>Type</b>	Highly expandable 4-way Enterprise Server
<b>System board</b>	
Processor	Intel Pentium® III Xeon 700 MHz
Clock speed (MHz)	700/100
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte integrated)
Second-Level-Cache	1 and 2 Mbyte
RAM	256 MB – 16 GB SDRAM with ECC / ChipKill (standard)
Access time	Registered SDRAM (PC100)
Bus system	PCI 64-bit, PCI 32-bit

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III Xeon	
	700 /100 MHz, 1 MB SLC
	700 /100 MHz, 2 MB SLC

<b>Memory modules</b>	256 MB, 512 MB, 1 GB, 2GB, 4GB
<b>1.6" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 12 per system

### Hardware-Description

Outstanding 4-way performance and optimally scalable capacity, coupled with extensive manageability and maximum security, are the main features of the PRIMERGY K400. The PRIMERGY K400 combines maximum performance and top scalability with the greatest possible reliability functions and is thus first for a wide range of uses. The PRIMERGY K400 can be flexibly extended in line with requirements. The PRIMERGY K400 supports 256 MB to up to 16 Gbyte of SDRAM memory with ECC. There are as standard a 2-channel Ultra 160 SCSI controller with data transfer rates of up to 160 Mbyte/s. Internally, the PRIMERGY K400 offers 3 x 4 bays (1.6 inches high) for hot-plug hard disks.

### Dimension, weight

Dimension (H x W x D)	630 x 486 x 725 mm
Rack mount	14 height units (U)
Weight	approx. 100 kg (dependent on configuration)

[Click her - to get more information about PRIMERGY Server](#)

[Data sheet](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY K400

Type 1: K599-V10., V20.

### Processor Modules

Processor PIII Xeon700MHz/1MB	SNP:SY-F2276L701-A	1.200				1)
Processor PIII Xeon700MHz/2MB	SNP:SY-F2276L702-A	2.100				1)
Processor PIII Xeon 900MHz/2MB	S26361-F2276-L902	3.800				1)

### Remarks:

1) In order to give your customers the possibility of upgrading with the above mentioned processors, kindly take care that it is the right system.  
When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 512MB (4x128) SDRAM ECC Chipkill	SNP:SY-F2174L543-A	465				
Mem 2GB (4x512) SDRAM ECC Chipkill	SNP:SY-F2174L545-A	1.425				
Mem 4GB (4x1024) SDRAM ECC Chipkill	SNP:SY-F2174L546-A	3.225				

### Remarks:

### Hard Disk Drives

<b>1.6" Alu-Frames</b>						
HDD U160 10k 36GB hot plug 1.6"	SNP:SY-F2294L136-A	325				
HDD U160 10k 73GB hot plug 1.6"	S26361-F2294-L173	465				
HDD 146GB 10k, U160 hot plug 1.6"	S26361-F2294-L114	805				

### Remarks:

Controllerboards									
<b>RAID Controller</b>									
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520					
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940					
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50					
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250					
<b>SCSI Controller</b>									
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540					
<b>AHA29160 U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210					
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890					
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395					
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive									
			S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up									
			SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Terminal Controller</b>									
Serieller I/O Ctrl 4xCOM									
			SNP:SY-F1810L1-A	245				01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX									
			S26361-F2643-L1	85					
<b>100 Mbit - 2 port</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec									
			S26361-F2606-L1	245					
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X									
			S26361-F2730-L1	175					
Gigabit Ethernet contr. 1000SX, PCI-X									
			S26361-F2732-L1	625					
Remarks:									
A) Please be aware of the special Pricing for the Mylex 3# DAC1164 (Little Apple).									
<b>Power Supplies</b>									
Power supply module 400W (hot plug)									
			SNP:PS-F234L4-A	350				17.12.2004	
Remarks:									
<b>Storage Devices</b>									
Remarks:									
<b>Rack Options</b>									
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
RMK D/P/3rd P Racks P870/K400 telescopic									
		(for details see excel column B)	SNP:SY-F2261L51-P	415				17.12.2004	
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks									
		(for details see excel column B)	S26361-F2734-L14	125					
Adapter angle PC/DC-Rack, till 150Kg									
		(for details see excel column B)	S26361-F2735-L15	35					
Remarks:									
<b>Remote View</b>									
RemoteView Service Board									
			S26361-F2425-L100	370					
RemoteView Software V3.0									
			S26361-F1790-L218	50					
RemoteView Batteryboard									
			S26361-F2425-L200	240					
RemoteView external Power Supply									
			S26361-F2425-L300	40					
RemoteView Cables									
			S26361-F2425-L110	50					

**PRIMERGY K400****4-way All-round Server**

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Remarks:

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**Other Options**

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Remarks:

# PRIMERGY N70-40

# 4-way Compute Node



### Specification

<b>Type</b>	4-way Compute Node
<b>System board</b>	
Processor	Intel Pentium® III Xeon 550 MHz
Clock speed (MHz)	550/100
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte integrated)
Second-Level-Cache	512 Kbyte, 1 and 2 Mbyte with ECC (standard)
RAM	256 MB – 4 GB EDO DIMM with ECC (standard)
Access time	50 ns
Bus system	PCI 64-bit, PCI 32-bit, ISA

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III Xeon	
	550 /100 MHz, 512 KB SLC
	550 /100 MHz, 1 MB SLC
	550 /100 MHz, 2 MB SLC
	512 MB, 1 GB EDO-RAM

### Memory modules

<b>1.6" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 4 per system

### Hardware-Description

The 550MHz Intel Pentium® III Xeon processor w with 100 MHz front side bus and slot 2 offer high performance and scalability. It features a 512KB, 1 MB or 2 MB second level cache. There are up to 4 processors in the PRIMERGY N70-40 possible. The minimum RAM configuration is 128 MB and this can be upgraded to max. 4 GB. An 2 channel LVD / U2W SCSI controller is integrated onboard. In the main areas of deployment for the PRIMERGY N70-40, only drive configurations with limited inter capacity are required. When it is used for compute intensive tasks, are 4 x 1.6 inch height bays, for inter hot replace disk drives, available.

### Dimension, weight

Dimension (H x W x D)	178 x 483 x 820 mm
Rack mount	4 height units (U)
Weight	ca. 40 kg (dependent on configuration)

[Click her - to get more information about PRIMERGY Server](#)

### Data sheet

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP		Directions for use yes/no	Prospective Last Order	Remarks
			Euro				

### Base Units for PRIMERGY N70-40

Type 1: K569-V11. / 500 MHz models  
Type 2: K569-V12. / 550 MHz models

### Processor Modules

Remarks:

### Memory

Remarks:

### Hard Disk Drives

#### 1.6" Frames

HDD U2W 10k 36GB hot plug 1.6"	SNP-SY-F1899L136-A	325
HDD U2W 10k 73GB hot plug 1.6"	S26361-F1899-L173	465
HDD U2W 10k 146GB hot plug 1.6"	S26361-F1899-L114	805

Remarks:

### Controllerboards



<b>SCSI Controller</b>							
<b>AHA2944UW</b>							
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	<b>540</b>			
<b>Fibre Channel</b>							
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	<b>1.155</b>			
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	<b>1.590</b>			
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	<b>2.395</b>			
<b>Token Ring Controller</b>							
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	<b>245</b>			
<b>ISDN Controller</b>							
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	<b>815</b>			
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	<b>9.950</b>			01.10.2004
<b>Terminal Controller</b>							
Serieller I/O Ctrl 4xCOM			SNP:SY-F1810L1-A	<b>245</b>			01.10.2004
<b>Ethernet Controller</b>							
<b>100 Mbit / Intel</b>							
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	<b>85</b>			
<b>100 Mbit - 2 port / Adaptec</b>							
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	<b>245</b>			
<b>1 Gbit</b>							
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	<b>175</b>			
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	<b>625</b>			
Remarks:							
<b>Storage Devices</b>							
Remarks:							
<b>Rack Options</b>							
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>							
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	<b>125</b>			
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	<b>35</b>			
Remarks:							
<b>Other Options</b>							
Remarks:							

# PRIMERGY N200

# 2-way Rack Server



### Specifikation

<b>Type</b>	2-way Rack Server
<b>System board</b>	
Processor	Intel Pentium® III 866 MHz – 1 GHz
Clock speed (MHz)	866/133, 933/133, 1GHz/133
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte
RAM	128 MB - 4 GB SDRAM with ECC
Bus system	PCI 64-bit/33 MHz

### Upgrades, options

<b>Processors</b>	
866 /133 MHz, 256 KB SLC	
Intel Pentium® III Xeon	933 /133 MHz, 256 KB SLC
	1 GHz /133 MHz, 256 KB SLC
<b>Memory modules</b>	
	256, 512 Mbyte , 1 Gbyte SDRAM

<b>1" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 2 per system

### Hardware-Description

The PRIMERGY N200 is a high density 2-way Rack Server optimised for Web and Terminal Server platform. Up to 2 Intel Pentium® III processors with 866, 933, or 1000 MHz (133 MHz FSB, 256 Kbyte cache) can be used in the PRIMERGY N200. The minimum configuration of the main memory is 128 Mbyte and can be expanded to up to 4 Gbyte.

The system board contains a 2-channel Ultra160 controller (1x internal, 1x external), two also in red mode (AFT) useable 10/100 Mbit/s TX LAN controller and an ATI graphics controller with 4 MB of memory on board.

In the PRIMERGY N200 two hard disks with up to 36 Gbyte each can be mounted at one SCSI channel or at an optional RAID controller.

### Dimension, weight

Dimension (H x W x D)	44.4 x 425 x 595 mm
Rack mount	1 height units (U)
Weight	approx. 12 kg (full configuration)

### Data sheet

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY N200

Type 1: K641-V10.

### Processor Modules

Processor PIII 1GHz FCPGA N200	S26361-F2396-L300	420				1)
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### Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 256MB (1x256) SDRAM PC133 ECC	SNP:SY-F2306L513-A	195				
Mem 512MB (1x512) SDRAM PC133 ECC	SNP:SY-F2306L514-A	335				
Mem 1GB (1x1) SDRAM PC133 ECC	SNP:SY-F2306L515-A	745				

### Remarks:

### Hard Disk Drives

<b>1" Frames</b>						
HDD U160 10k 36GB hot plug 1" N200	S26361-F2188-L136	285				
Hard Disk 73GB 10k, U160 hot plug 1"	S26361-F2188-L173	405				
Hard Disk 146GB 10k, U160 hot plug 1"	S26361-F2188-L114	715				

### Remarks:

# PRIMERGY N200

# 2-way Rack Server



Controllerboards									
<b>RAID Controller</b>									
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec				S26361-F2405-L32	520				
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec				S26361-F2385-L32	940				
RAID Ctrl Cache Upgrade 32MB Adaptec				S26361-F2386-L32	50				
RAID Ctrl Battery Backup Unit Adaptec				S26361-F2386-L10	250				
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC				SNP:SY-F2244L1-P	1.155				
FC Ctrl 1Gbit/s QLA2200 MMF SC				SNP:SY-F2244L2-P	1.590				
FC Ctrl 2Gbit/s LP9002 MMF LC				S26361-F2624-L1	1.890				
FC Ctrl 1Gbit/s LP8000 MMF SC				SNP:SY-F1826L1-P	2.395				
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit				S26361-F2854-L1	245				
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX				S26361-F2643-L1	85				
<b>100 Mbit - 2 port / Adaptec</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec				S26361-F2606-L1	245				
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X				S26361-F2730-L1	175				
Gigabit Ethernet contr. 1000SX, PCI-X				S26361-F2732-L1	625				
Remarks:									
<b>Rack Options</b>									
<b>PrimerCenter/DataCenter/Classic/Rittal -Rack(conforming to EIA-310-D)</b>									
RMK FSC Racks N200 sliding rails			(for details see excel column B)	S26361-F2261-L81	85			17.12.2004	
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks			(for details see excel column B)	S26361-F2734-L14	125				
Adapter angle PC/DC-Rack, till 50Kg			(for details see excel column B)	S26361-F2735-L10	25				
Remarks:									
<b>Remote View</b>									
RemoteView Service Board				S26361-F2425-L100	370				
RemoteView Software V3.0				S26361-F1790-L218	50				
RemoteView external Power Supply				S26361-F2425-L300	40				
RemoteView Cables				S26361-F2425-L113	80				
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>									
RV Diagnosis H/N200, H/N/K400, H250				SNP:SY-F2116L6-A	70				
Remarks:									
<b>Other Options</b>									
Remarks:									

**PRIMERGY L100**

**Mono Processor Rack Server (1 U)**



	<b>Specifikation</b>						<b>Positioning</b>	
	<b>Type</b>	Mono Processor All-round Server						Positioned as a subentry server with the latest
	<b>System board</b>						Intel processor technology in the rack server	
	Processor	Intel Celeron 1.3 GHz;					category, the PRIMERGY L100 is well-suited	
	Chip set	Intel Pentium® III 1.4 GHz					for data center solutions and server farm concepts	
	Front-Side-Bus	VIA Apollo Pro 133					in 19-inch rack environments.	
		100 MHz (1.3 GHz Celeron					Further application areas are appliances, front-end	
		133 MHz (1.4 GHz Pentium III)					solutions and hard diskless solutions for	
	First-Level-Cache	32 Kbyte (2 x 16 Kbyte)					Internet and application service providers	
	Second-Level-Cache	256 Kbyte (Celeron)					(ISPs/ASPs), dot.com companies and data	
	RAM	512 Kbyte (Pentium III)					center customers for whom it is important to run	
	I/O slots	128 MB - 1.5 GB SDRAM with ECC					a large number of servers over a very small	
		2 x 32-bit/33 MHz (1 x low profile)					space and at a low price.	
							All users who need a compact rack server at a	
	<b>Upgrades, options</b>						fine price/performance ratio will find the right	
							entry system in the shape of the PRIMERGY	
	<b>Processors</b>						L100. The PRIMERGY L100 is the ideal platform	
							for appliances and front-end solutions.	
	<b>Memory modules</b>	256, 512 Mbyte, 1 Gbyte SDRAM						
	<b>1" Hard disk drives</b>	40, 80 Gbyte; max. 2 per system						
							<b>Dimension, weight</b>	
							Dimension 44 x 445 x 385 mm	
							(H x W x D)	
							Rack mount 1 height units (U)	
							Weight 7 - 9 kg	
							(depending on configuration)	
							<a href="#">Data sheet</a>	
							(Click here for download)	

[Click her - to get more information about PRIMERGY Server.](#)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP		Directions for use yes/no	Prospective Last Order	Remarks
			Euro				

**Base Units for PRIMERGY L100**

Type 1: K837-V1.., -V2.., -V3..

**Memory**

Mem 256MB (1x256) SDRAM PC133 ECC	SNP:SY-F2306L513-A	195					
Mem 512MB (1x512) SDRAM PC133 ECC	SNP:SY-F2306L514-A	335					

Remarks:

**Hard Disk Drives**

<b>1" Frames</b>							
HDD IDE 80GB 7.2k 3.5"	S26361-F2263-L80	145					

Remarks:

Specifikation			Positioning			
<b>Controllerboards</b>						
<b>RAID Controller</b>						
<b>Mylex 1# (BobCat)</b>						
RAID Ctrl U160 1-ch 1i/1e 16MB lp Mylex		S26361-F2406-L216	530			
<b>Adaptec 1# 2100S</b>						
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec		S26361-F2405-L32	520			
<b>SCSI Controller</b>						
<b>SCSI U160</b>						
SCSI Ctrl, 1x U160 int/ext, SE		S26361-F2399-L1	210			
SCSI U160 controller, lp		S26361-F2737-L201	210			
<b>Fibre Channel</b>						
FC Ctrl 2GBit/s LP9002 MMF LC		S26361-F2624-L1	1.890			
<b>Ethernet Controller</b>						
<b>100 Mbit / Intel</b>						
Fast Ethernet Adapter 10/100TX		S26361-F2643-L1	85			
Fast Ethernet Adapter 10/100TX, lp		S26361-F2643-L201	85			
<b>1 Gbit</b>						
Gigabit Ethernet contr. 1000TX, PCI-X		S26361-F2730-L1	175			
Gigabit Ethernet contr. 1000TX, PCI-X,lp		S26361-F2730-L201	175			
Gigabit Ethernet contr. 1000SX, PCI-X		S26361-F2732-L1	625			
Gigabit Ethernet contr. 1000SX, PCI-X,lp		S26361-F2732-L201	625			
Remarks:						
<b>Storage Devices</b>						
<b>DVD-ROM ATAPI</b>						
DVD-ROM ATAPI 0.5"		SNP:SY-F2312L1-P	105			
Remarks:						
<b>Rack Options</b>						
<b>Classic Rack (42/23 U Rack)</b>						
RMK 3 D/P/3rd P Racks sliding rails	(for details see excel column B)	S26361-F2611-L3	85			1)
RMK CR Adapter additional to RMK L/RX100	(for details see excel column B)	S26361-F2611-L13	45			
<b>PrimerCenter/DataCenter/Rittal - Rack(conforming to EIA-310-D)</b>						
RMK 3 D/P/3rd P Racks sliding rails	(for details see excel column B)	S26361-F2611-L3	85			
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>						
Adapterkit to DC- and PC- racks	(for details see excel column B)	S26361-F2734-L14	125			
Adapter angle PC/DC-Rack, till 50Kg	(for details see excel column B)	S26361-F2735-L10	25			
Remarks:						
1) S26361-F2611-L13 has to be ordered additionally.						
<b>Remote View</b>						
RemoteView Service Board		S26361-F2425-L100	370			
RemoteView Software 3.10		S26361-F1790-L219	50			
RemoteView Software V3.0		S26361-F1790-L218	50			
RemoteView external Power Supply		S26361-F2425-L300	40			
Remarks:						

# PRIMERGY L200

# 2-way Rack Server



Specifikation		Positioning
<b>Type</b>	2-way Rack Server	The PRIMERGY L200 is a second-generation dual processor rack server. The one height unit is especially perfect since the system has up to 2 processors, two PCI slots and up to 3 hard disk drives. The PRIMERGY L200 is thus a flexible platform for center solutions and server farms, meeting corresponding performance requirements and offering expandable management functions, easy serviceability and an compact design. Users who need the very highest performance, scalability, availability and expandability over small space have an ideal platform in the shape of PRIMERGY L200. The highly compact rack server is suited for web service and solutions such as cash gateway and firewall applications. Further applications are front-end (tier 1) solutions in modern multi-tiered environments, e-mail service and appliance solutions. The system delivery includes the PRIMERGY easy RAID software, which provides the mirroring (RAID 1) of internal hard disks.
<b>System board</b>	Intel Pentium® III (FC-PGA 2) with up to 1.4 GHz	
Processor	1 GHz - 1.4 GHz/133 MHz, 512 KB SLC	
Clock speed (MHz)		
cache bus / host bus		
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)	
Second-Level-Cache	256 Kbyte (1 GHz) or 512 Kbyte	
RAM	256 MB – 4 GB SDRAM with ECC and Memory Scrubbing in 2 banks with 4 slots	
I/O slots	2 x PCI 64-bit, 66 MHz (1 x long)	
<b>Upgrades, options</b>		
<b>Processors</b>		
Intel Pentium® III	1 GHz/133 MHz, 512 KB SLC	
	1.13 GHz/133 MHz, 512 KB SLC	
	1.26 GHz/133 MHz, 512 KB SLC	
	1.40 GHz/133 MHz, 512 KB SLC	
<b>Memory modules</b>	256, 512 Mbyte, 1, 2 Gbyte SDRAM	
<b>1" Hard disk drives</b>		
10000 rpm	18, 36, 73, 146 Gbyte; max. 3 per system	
15000 rpm	18, 36, 73 Gbyte; max. 3 per system	
<a href="#">Click her - to get more information about PRIMERGY Server</a>		<b>Dimension, weight</b> Dimension (H x W x D) 43.2 x 483 x 731 mm Rack mount 1 height units (U) Weight approx. 13 kg (depending on configuration)
		<a href="#">Data sheet</a> (Click here for download)

Description	Detailed description	Order No.	ERRP	EDRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro				

**Base Units for PRIMERGY L200**

Type 1: K647-V1..

Processor Modules							
Processor PIII 1GHz/512KB L200		S26361-F2599-L500	420			01.03.2005	1)
Processor PIII 1,13GHz/512KB L200		S26361-F2599-L513	540				1)
Processor PIII 1,26GHz/512KB L200		S26361-F2599-L526	540				1)
Processor Pentium III 1,4GHz/512KB		S26361-F2599-L540	580				1)

Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

Memory							
Mem 512MB SDRAM PC133 ECC		S26361-F2306-L523	395				
Mem 1GB SDRAM PC133 ECC		S26361-F2306-L524	675				
Mem 2GB SDRAM PC133 ECC		S26361-F2306-L225	1.495				

Remarks:

Hard Disk Drives							
<b>1" Frames</b>							
HDD U160 10k 36GB hot plug 1"		SNP:SY-F2336L136-P	285				
HDD U160 10k 73GB hot plug 1"		S26361-F2336-L173	405				
HDD U160 10k 146GB hot plug 1"		S26361-F2336-L114	715				
HDD U160 15k 18GB hot plug 1"		S26361-F2336-L518	275				
HDD U160 15k 36GB hot plug 1"		S26361-F2336-L536	375				
HDD U160 15k 73GB hot plug 1"		S26361-F2336-L573	685				

Remarks:

Controllerboards							
<b>RAID Controller</b>							
<b>Mylex 1# (BobCat)</b>							
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex		S26361-F2406-L16	530				
<b>Adaptec 1# 2100S</b>							
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec		S26361-F2405-L32	520				

# PRIMERGY L200

# 2-way Rack Server



		Spezifikation								Positioning
<b>Mylex 2#</b>										
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010						
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250						
<b>Adaptec 2# 3200S</b>										
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940						
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50						
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250						
<b>SCSI Controller</b>										
<b>SCSI U160</b>										
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210						
<b>Fibre Channel</b>										
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155						
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590						
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890						
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395						
<b>Token Ring Controller</b>										
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245						
<b>ISDN Controller</b>										
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815						
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950					01.10.2004	
<b>Ethernet Controller</b>										
<b>100 Mbit / Intel</b>										
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85						
<b>100 Mbit - 2 port</b>										
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245						
<b>1 Gbit</b>										
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175						
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625						
Remarks:										
<b>Power Supplies</b>										
Remarks:										
<b>Storage Devices</b>										
<b>DVD-ROM ATAPI</b>										
DVD-ROM ATAPI 0.5"			SNP:SY-F2312L1-P	105						
Remarks:										
<b>Rack Options</b>										
<b>Classic Rack (42/23 U Rack)</b>										
RMK 4 CR sliding rails		(for details see excel column B)	S26361-F1331-L82	85						
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>										
RMK 2 D/P/3rd P Racks sliding rails		(for details see excel column B)	S26361-F2261-L82	85						
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>										
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125						
Adapter angle PC/DC-Rack, till 50Kg		(for details see excel column B)	S26361-F2735-L10	25						
Remarks:										
<b>Other Options</b>										
LocalView Option Kit			S26361-F2557-L102	85						
PCI slot bracket with ser. interface			T26139-Y3883-L1	25						
Remarks:										

**PRIMERGY L200**

**2-way Rack Server**



		Specifikation							Positioning
<b>Remote View</b>									
RemoteView Service Board			S26361-F2425-L100	370					
RemoteView Software 3.10			S26361-F1790-L219	50					
RemoteView Software V3.0			S26361-F1790-L218	50					
RemoteView external Power Supply			S26361-F2425-L300	40					
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>									
RV Diagnosis L200, N800, H/R450, T/RX600			S26361-F2116-L8	70					
Remarks:									



# PRIMERGY P200

# 2-way Rack Server



### Specifikation

### Positioning

<b>Type</b>	2-way Rack Server
<b>System board</b>	
Processor	Intel Pentium® III (FC-PGA 2) with up to 1.4 GHz
Clock speed (MHz)	1 GHz - 1.4 GHz/133 MHz, 512 KB SLC
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	256 Kbyte (1 GHz) or 512 Kbyte
RAM	256 MB – 4 GB SDRAM with ECC and Memory Scrubbing in 2 banks with 4 slots
I/O slots (Standard)	4 x PCI 64-bit, 66 MHz Low Profile; 1 x PCI 32-bit, 33 MHz Low Profile; 1 x PCI 32-bit, 33 MHz long, full height
I/O slots (PCI riser-card option)	3 x PCI 64-bit, 66 MHz long, full height 1 x PCI 32-bit, 33 MHz long, full height

The PRIMERGY P200 server represents a general platform for a wide range of application areas in data center solutions and server farm concepts. The PRIMERGY P200 rack server is designed for multi-server configurations (clusters), front-end solutions, e-commerce applications and small ERP solutions. It can be used as a domain controller, exchange server, web server, small database servers and web hosting server. The PRIMERGY P200 as a versatile application server supports areas where 2-way processor power and a relative high internal hard disk capacity are required. Applications and fields of use that require the very highest scalability, performance and fault tolerance in a space-saving rack chassis are addressed ideally by the PRIMERGY P200. This exceptional rack server has been developed with a focus on data integrity, high availability and expandability. The system delivery includes the PRIMERGY easyMirror™ RAID software, which provides the mirroring (RAID level 1) of internal hard disks.

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III	1 GHz/133 MHz, 512 KB SLC 1.13 GHz/133 MHz, 512 KB SLC 1.26 GHz/133 MHz, 512 KB SLC 1.40 GHz/133 MHz, 512 KB SLC
<b>Memory modules</b>	256, 512 Mbyte, 1, 2 Gbyte SDRAM
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 6 per system
15000 rpm	18, 36, 73 Gbyte; max. 6 per system

<b>Dimension, weight</b>	
Dimension (H x W x D)	85.9 x 482.6 x 748 mm
Rack mount	2 height units (U)
Weight	approx. 20 kg (depending on configuration)

[Click her - to get more information about PRIMERGY Server](#)

### Data sheet

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY P200

Type 1: K834-V1..

### Processor Modules

Processor PIII 1GHz/512KB P200	S26361-F2599-L200	420				1)
Processor PIII 1,13GHz/512KB P200	S26361-F2599-L213	540				1)
Processor PIII 1,26GHz/512KB P200	S26361-F2599-L226	540				1)
Processor PIII 1,40GHz/512KB P200	S26361-F2599-L240	580				1)

### Remarks:

1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 512MB SDRAM PC133 ECC	S26361-F2306-L523	395				
Mem 1GB SDRAM PC133 ECC	S26361-F2306-L524	675				
Mem 2GB SDRAM PC133 ECC	S26361-F2306-L825	1.495				

### Remarks:

### Hard Disk Drives

<b>1" Frames</b>						
HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				

Upgrade kit 6 hard disks 2 channel (2x3)

	S26361-F2612-L2	330				
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### Remarks:

		Spezifikation					Positioning
<b>Controllerboards</b>							
<b>RAID Controller</b>							
<b>Mylex 1# (BobCat)</b>							
RAID Ctrl U160 1-ch 1U/1e 16MB Mylex		S26361-F2406-L16		530			
RAID Ctrl U160 1-ch 1U/1e 16MB lp Mylex		S26361-F2406-L216		530			
<b>Adaptec 1# 2100S</b>							
RAID Ctrl U160 1-ch 1U/1e 32MB Adaptec		S26361-F2405-L32		520			
<b>Mylex 2#</b>							
RAID Ctrl U160 2-ch 2U/2e 64MB Mylex		S26361-F2569-L64		1.010			
RAID Ctrl Battery Backup Unit Mylex		S26361-F2569-L10		250			
<b>Adaptec 2# 3200S</b>							
RAID Ctrl U160 2-ch 2U/2e 32MB Adaptec		S26361-F2385-L32		940			
RAID Ctrl Cache Upgrade 32MB Adaptec		S26361-F2386-L32		50			
RAID Ctrl Battery Backup Unit Adaptec		S26361-F2386-L10		250			
<b>SCSI Controller</b>							
<b>SCSI U160</b>							
SCSI Ctrl, 1x U160 int/ext, SE		S26361-F2399-L1		210			
SCSI Ctrl, 1xU160 int.		S26361-F2644-L1		130			
SCSI U160 controller, lp		S26361-F2737-L201		210			
<b>Fibre Channel</b>							
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC		SNP:SY-F2244L1-P		1.155			
FC Ctrl 1Gbit/s QLA2200 MMF SC		SNP:SY-F2244L2-P		1.590			
FC Ctrl 2Gbit/s LP9002 MMF LC		S26361-F2624-L1		1.890			
FC Ctrl 1Gbit/s LP8000 MMF SC		SNP:SY-F1826L1-P		2.395			
<b>Token Ring Controller</b>							
Token Ring Controller 4/16/100 Mbit		S26361-F2854-L1		245			
<b>ISDN Controller</b>							
ISDN S0-Ctrl (2B+D) aktive		S26361-F1809-L1		815			
ISDN S2m-Controller (30B+D) aktiv PCI up		SNP:SY-F2090L1-A		9.950		01.10.2004	
<b>Ethernet Controller</b>							
<b>100 Mbit / Intel</b>							
Fast Ethernet Adapter 10/100TX		S26361-F2643-L1		85			
Fast Ethernet Adapter 10/100TX, lp		S26361-F2643-L201		85			
<b>100 Mbit - 2 port</b>							
Fast Ethernet 10/100TX, 2 Port, IPsec		S26361-F2606-L1		245			
<b>1 Gbit</b>							
Gigabit Ethernet contr. 1000TX, PCI-X		S26361-F2730-L1		175			
Gigabit Ethernet contr. 1000TX, PCI-X,lp		S26361-F2730-L201		175			
Gigabit Ethernet contr. 1000SX, PCI-X		S26361-F2732-L1		625			
Gigabit Ethernet contr. 1000SX, PCI-X,lp		S26361-F2732-L201		625			
Remarks:							
<b>Power Supplies</b>							
Power Supply Module 275W (hot plug)		S26113-F600-L2		240			
Remarks:							
<b>Storage Devices</b>							
<b>DVD-ROM ATAPI</b>							
DVD-ROM ATAPI 0.5"		SNP:SY-F2312L1-P		105			
Remarks:							

# PRIMERGY P200

# 2-way Rack Server



		Spezifikation						Positioning
<b>Rack Options</b>								
<b>Classic Rack (42/23 U Rack)</b>								
RMK 5 CR sliding rails		(for details see excel column B)	S26361-F1331-L85	150				
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>								
RMK 5 D/P/3rd P Racks sliding rails		(for details see excel column B)	S26361-F2734-L50	150				
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>								
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125				
Adapter angle PC/DC-Rack, till 50Kg		(for details see excel column B)	S26361-F2735-L10	25				
Remarks:								
<b>Other Options</b>								
LocalView Option Kit			S26361-F2557-L102	85				
Fans upgrade kit hot-plug redundancy			S26361-F2621-L1	120				
PCI-risercard 3 x 64bit/66MHz option			S26361-F2622-L1	40		17.12.2004		
Ext. SCSI Connector for onboard Contr.			T26139-Y3882-L101	80				
Remarks:								
<b>Remote View</b>								
RemoteView Service Board			S26361-F2425-L100	370				
RemoteView Software 3.10			S26361-F1790-L219	50				
RemoteView Software V3.0			S26361-F1790-L218	50				
RemoteView external Power Supply			S26361-F2425-L300	40				
RV Cables C150, C/F/P200, F/P250			S26361-F2425-L114	80				
Remarks:								

# PRIMERGY P250

# 2-way Rack Server



### Specification

### Hardware Description

<b>Type</b>	Dual Processor Floorstand Server
<b>System board</b>	
Processor/Clock speed (MHz)	Intel® XEON™ with 1.80 / 2 / 2.20 / 2.40 GHz
Front-Side-Bus	quad-pumped 100 MHz FSB
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)
Second-Level-Cache	512 Kbyte
RAM	256 MB – 12 GB PC1600 DDR with ECC Memory Scrubbing, 3 banks, 2 modules each
I/O slots (Standard)	Chipkill™ support (for modules greater than 128 MB) 2 x PCI-X 64-bit, 100 MHz Low Profile; 2 x PCI 64-bit, 66 MHz Low Profile; 1 x PCI 32-bit, 33 MHz Low Profile; 1 x PCI 32-bit, 33 MHz, short, full height
I/O slots (PCI riser-card option)	3 x PCI 64-bit, 66 MHz long, full height 1 x PCI 32-bit, 33 MHz short, full height

The PRIMERGY Server P250 extends the known of the P200 by further innovations. The XEON processor technology with ist "Hyper Threading" architecture higher performance bandwidth accessible. One of the XEON™ processor appears to the software (application and operating system) as 2 (logical) processors. The PRIMERGY P250 server represents a general solution for a wide range of application areas in data center solutions and server farm concepts. The PRIMERGY P250 rack server is designed for multi-server configurations (cluster), front-end solutions, e-commerce applications and small ERP solutions. It can be used as a domain controller, exchange server, web server, small database server and web hosting server. The PRIMERGY P250 as a versatile application server supports areas where high 2-way processor power and a relative high internal disk capacity are required. Applications and fields that require the very highest scalability, performance and fault tolerance in a space-saving rack chassis are addressed ideally by the PRIMERGY P250.

### Upgrades, options

<b>Processors</b>	
Intel® XEON™	1.80 / 2 / 2.20 / 2.40 GHz

### Dimension, weight

Dimension (H x W x D)	85.9 x 482.6 x 748 mm
Rack mount	2 height units (U)
Weight	approx. 20 kg (depending on configuration)

[Click her - to get more information about PRIMERGY Server](#)

<b>Memory modules</b>	256, 512 Mbyte, 1, 2, 4 Gbyte PC1600 DDR
<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 6 per system
15000 rpm	18, 36, 73 Gbyte; max. 6 per system

### Data sheet

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			
Base Units for PRIMERGY P250						
Type 1: K854-V1..						
Processor Modules						
Processor XEON DP 1.8GHz/512kB		S26361-F2549-L180	520			1)
Processor Xeon 2GHz/512KB		S26361-F2549-L200	570			1)
Processor Xeon 2,20GHz/512KB		S26361-F2549-L220	570			1)
Processor XEON DP 2.4GHz/512KB		S26361-F2549-L240	570			1)
Processor XEON DP 2.6GHz/512KB		S26361-F2549-L260	670			1)
Processor XEON DP 2.8GHz/512KB		S26361-F2549-L280	820			1)
Remarks:						
1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!						
Memory						
Mem 1GB DDR-RAM PC1600 ECC		S26361-F2550-L524	625			
Mem 2GB DDR-RAM PC1600 ECC		S26361-F2550-L525	1.355			
Mem 4GB DDR-RAM PC1600 ECC		S26361-F2550-L526	3.875			
Remarks:						
Hard Disk Drives						
1" Frames						
HDD U160 10k 36GB hot plug 1"		SNP:SY-F2336L136-P	285			
HDD U160 10k 73GB hot plug 1"		S26361-F2336-L173	405			
HDD U160 10k 146GB hot plug 1"		S26361-F2336-L114	715			
HDD U160 15k 18GB hot plug 1"		S26361-F2336-L518	275			
HDD U160 15k 36GB hot plug 1"		S26361-F2336-L536	375			
HDD U160 15k 73GB hot plug 1"		S26361-F2336-L573	685			
Upgrade kit 6 hard disks 2 channel (2x3)		S26361-F2612-L2	330			
Remarks:						

		Spezifikation						Hardware Description
<b>Controllerboards</b>								
<b>RAID Controller</b>								
<b>Mylex 1# (BobCat)</b>								
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex		S26361-F2406-L16	530					
RAID Ctrl U160 1-ch 1i/1e 16MB Ip Mylex		S26361-F2406-L216	530					
<b>Adaptec 1# 2100S</b>								
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec		S26361-F2405-L32	520					
<b>Mylex 2#</b>								
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex		S26361-F2569-L64	1.010					
RAID Ctrl Battery Backup Unit Mylex		S26361-F2569-L10	250					
<b>Adaptec 2# 3200S</b>								
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec		S26361-F2385-L32	940					
RAID Ctrl Cache Upgrade 32MB Adaptec		S26361-F2386-L32	50					
RAID Ctrl Battery Backup Unit Adaptec		S26361-F2386-L10	250					
<b>Mylex 4# (Big Apple)</b>								
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl		S26361-F2190-L128	2.280					
<b>SCSI Controller</b>								
<b>SCSI U160</b>								
SCSI Ctrl, 1x U160 int/ext, SE		S26361-F2399-L1	210					
SCSI Ctrl, 1xU160 int.		S26361-F2644-L1	130					
SCSI U160 controller, Ip		S26361-F2737-L201	210					
<b>Fibre Channel</b>								
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC		SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC		SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9002 MMF LC		S26361-F2624-L1	1.890					
FC Ctrl 1Gbit/s LP8000 MMF SC		SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>								
Token Ring Controller 4/16/100 Mbit		S26361-F2854-L1	245					
<b>ISDN Controller</b>								
ISDN S0-Ctrl (2B+D) aktive		S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up		SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Ethernet Controller</b>								
<b>100 Mbit / Intel</b>								
Fast Ethernet Adapter 10/100TX		S26361-F2643-L1	85					
Fast Ethernet Adapter 10/100TX, Ip		S26361-F2643-L201	85					
<b>100 Mbit - 2 port</b>								
Fast Ethernet 10/100TX, 2 Port, IPsec		S26361-F2606-L1	245					
<b>1 Gbit</b>								
Gigabit Ethernet contr. 1000TX, PCI-X		S26361-F2730-L1	175					
Gigabit Ethernet contr. 1000TX, PCI-X,Ip		S26361-F2730-L201	175					
Gigabit Ethernet contr. 1000SX, PCI-X		S26361-F2732-L1	625					
Gigabit Ethernet contr. 1000SX, PCI-X,Ip		S26361-F2732-L201	625					
Remarks:								
<b>Power Supplies</b>								
Power Supply Module 350W (hot plug)		S26113-F600-L4	240					
Remarks:								
<b>Storage Devices</b>								
<b>DVD-ROM ATAPI</b>								
DVD-ROM ATAPI 0.5"		SNP:SY-F2312L1-P	105					
Remarks:								

# PRIMERGY P250

# 2-way Rack Server



		Spezifikation								Hardware Description
<b>Rack Options</b>										
<b>Classic Rack (42/23 U Rack)</b>										
RMK 5 CR sliding rails		(for details see excel column B)	S26361-F1331-L85	150						
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>										
RMK 5 D/P/3rd P Racks sliding rails		(for details see excel column B)	S26361-F2734-L50	150						
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>										
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125						
Adapter angle PC/DC-Rack, till 50Kg		(for details see excel column B)	S26361-F2735-L10	25						
Remarks:										
<b>Other Options</b>										
LocalView Option Kit			S26361-F2557-L102	85						
Fans upgrade kit hot-plug redundancy			S26361-F2621-L1	120						
PCI-risercard 3 x 64bit/66MHz option			S26361-F2622-L1	40					17.12.2004	
Ext. SCSI Connector for onboard Contr.			T26139-Y3882-L101	80						
Remarks:										
<b>Remote View</b>										
RemoteView Service Board			S26361-F2425-L100	370						
RemoteView Software 3.10			S26361-F1790-L219	50						
RemoteView Software V3.0			S26361-F1790-L218	50						
RemoteView external Power Supply			S26361-F2425-L300	40						
RV Cables C150, C/F/P200, F/P250			S26361-F2425-L114	80						
Remarks:										

# PRIMERGY N400

# 4-way Rack Server



### Specifikation

### Hardware-Description

<b>Type</b>	The scalable 4-way Rack Server
<b>System board</b>	
Processor	Intel Pentium® III Xeon 550MHz - 900 MHz
Clock speed (MHz)	550/100, 700/100, 900/100
cache bus / host bus	
First-Level-Cache	32 Kbyte (2 x 16 Kbyte integrated)
Second-Level-Cache	1 and 2 Mbyte
RAM	256 MB – 16 GB SDRAM with ECC / ChipKill (standard)
Access time	Registered SDRAM (PC100)
Bus system	PCI 64-bit, PCI 32-bit

Compact and yet so powerful: the PRIMERGY N400 Rack server. With just 4 height units, it offers reliability and availability. The N400 compute node is also predestined as a standalone system for use where high computing power is needed. Up to 4 Intel Pentium® III Xeon can be used in the PRIMERGY N400. The PRIMERGY N400 supports 256 MB to up to 16 Gbyte of SDRAM memory with ECC. There are as standard a 2-channel Ultra 160 SCSI controller with data transfer rates of up to 160 Mbyte/s. The PRIMERGY N400 offers 2x2 hard disks can be mounted at two SCSI channels. Large data volumes are normally exported to an external storage subsystem.

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III Xeon	550 /100 MHz, 512 KB SLC 700 /100 MHz, 1 MB SLC 700 /100 MHz, 2 MB SLC 900 /100 MHz, 2 MB SLC
<b>Memory modules</b>	256, 512 Mbyte , 1, 2, 4 Gbyte SDRAM

### Dimension, weight

Dimension (H x W x D)	177 x 483 x 718 mm
Rack mount	4 height units (U)
Weight (full configuration)	approx. 33 kg

<b>1" Hard disk drives</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 4 per system
15000 rpm	18, 36, 73 Gbyte; max. 4 per system

[Click her - to get more information about PRIMERGY Server](#)

[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY N400

Type 1: K596-V20.

### Processor Modules

Processor PIII Xeon700MHz/1MB N400	SNP:SY-F2327L701-P	1.200				1)
Processor PIII Xeon700MHz/2MB N400	SNP:SY-F2327L702-P	2.100				1)
Processor PIII Xeon 900MHz/2MB N400	S26361-F2327-L902	3.800				1)

Remarks:

1) In order to give your customers the possibility of upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

Mem 512MB (4x128) SDRAM ECC Chipkill	SNP:SY-F2174L543-A	465				
Mem 2GB (4x512) SDRAM ECC Chipkill	SNP:SY-F2174L545-A	1.425				
Mem 4GB (4x1024) SDRAM ECC Chipkill	SNP:SY-F2174L546-A	3.225				

Remarks:

### Hard Disk Drives

#### 1" Frames

HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				

Remarks:

Controllerboards									
<b>RAID Controller</b>									
<b>Mylex 1# (BobCat)</b>									
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex			S26361-F2406-L16	530					
<b>Adaptec 1# 2100S</b>									
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec			S26361-F2405-L32	520					
<b>Mylex 2#</b>									
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010					
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250					
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940					
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50					
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250					
<b>Mylex 4# (Big Apple)</b>									
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl			S26361-F2190-L128	2.280					
<b>SCSI Controller</b>									
<b>AHA29160 U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210					
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540					
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890					
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245					
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Terminal Controller</b>									
Serieller I/O Ctrl 4xCOM			SNP:SY-F1810L1-A	245				01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85					
<b>100 Mbit - 2 port</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245					
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175					
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625					
Remarks:									
<b>Power Supplies</b>									
Power supply module 500W (hot plug)			SNP:PS-F596L1-P	285				17.12.2004	
Remarks:									



# PRIMERGY N400

# 4-way Rack Server



Storage Devices									
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI 0.5"			SNP:SY-F2312L1-P	105					
<b>DDS 4</b>									
Tape Drv DAT DDS4 20GB 2.8MB/s internal			S26361-F2233-L3	690					2)
68pin Kit f. access. drives		(for details see excel column B)	S26361-F2571-L2	50					
<b>SLR</b>									
<b>SLR 100</b>									
Tape Drv SLR100 50GB 5MB/s internal			S26361-F2238-L3	1.740					2)
68pin Kit f. access. drives		(for details see excel column B)	S26361-F2571-L2	50					
Remarks: 2) S26361-F2571-L2 has to be ordered additionally.									
Rack Options									
<b>Classic Rack (42/23 U Rack)</b>									
RMK CR-Rack N400 telescopic rails		(for details see excel column B)	S26361-F1331-L141	285					17.12.2004
<b>PrimerCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
RMK D/P/3rd P Racks N400 telescopic rail		(for details see excel column B)	SNP:SY-F2261L41-P	370					17.12.2004
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125					
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	35					
Remarks:									
Remote View									
RemoteView Service Board			S26361-F2425-L100	370					
RemoteView Software 3.10			S26361-F1790-L219	50					
RemoteView Software V3.0			S26361-F1790-L218	50					
RemoteView Batteryboard			S26361-F2425-L200	240					
RemoteView external Power Supply			S26361-F2425-L300	40					
RemoteView Cables			S26361-F2425-L110	50					
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>									
RV Diagnosis H/N200, H/N/K400, H250			SNP:SY-F2116L6-A	70					
Remarks:									
Other Options									
Remarks:									

# PRIMERGY R450

# 4-way Rack Server



### Specifikation

### Hardware-Description

<b>Type</b>	4-way Rack Server	Positioned in the midrange server segment, the 4-way Rack server PRIMERGY R450 is a model that satisfies the growing and diversified requirements in the class to a high degree. The PRIMERGY R450 server provides many new extension options, improved handling and greater performance bandwidths address market demands.
<b>System board</b>		The PRIMERGY R450 is well suitable as:
Processor	Intel® Xeon MP	* Application and data base servers
Clock speed (MHz)	1.4/512Kbyte, 1.5/512Kbyte, 1.6/1Mbyte	* Solution platform for medium and large enterprises
cache bus / host bus	1.5/1Mbyte, 1.9/1Mbyte, 2.0/1Mbyte	* Rack servers for server farms and data center
First-Level-Cache	32 Kbyte (2 x 16 Kbyte) (integrated)	
Second-Level-Cache	256 Kbyte	
Third-Level-Cache	512 Kbyte, 1 Mbyte, 2 Mbyte	
RAM	512 Mbyte - 16 Gbyte DDR-RAM (PC1600), 4-way inter. ECC protected, Memory Scrubbing, ChipKill, hot-spare	
Bus system	5x64-Bit/PCI-X 100MHz; 1x64-Bit/66MHz; 2x32-Bit/33MHz	
<b>Upgrades, options</b>		Further application areas are:
<b>Processors</b>		* Directory and Cache server
Intel Pentium® III Xeon	1.4/512Kbyte, 1.5/512Kbyte, 1.6/1Mbyte 1.5/1Mbyte, 1.9/1Mbyte, 2.0/1Mbyte	* ERP and E-Commerce solutions
		* Node in fail-over Cluster configuration
		* Content server in Intra-/Internet environments
<b>Memory modules</b>	512 Mbyte , 1, 2, 4 Gbyte DDR-RAM	
<b>1" Hard disk drives</b>		<b>Dimension, weight</b>
10000 rpm	18, 36, 73, 146 Gbyte; max. 6 per system	Dimension (H x W x D) 176.8 x 482.6 x 724.5 mm
15000 rpm	18, 36, 73 Gbyte; max. 6 per system	Rack mount 4 height units (U)
		Weight ca. 60 kg (dependent on configuration)

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[Data sheet](#)

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Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY R450

Type 1: K845-V10.  
Type 2: K845-V20.

### Processor Modules

Processor Xeon MP 1,40GHz/512KB	S26361-F2636-L140	2.390				1) 2)
Processor Xeon MP 1,50GHz/512KB	S26361-F2636-L150	4.140				1) 2)
Processor Xeon MP 1,60GHz/1GB	S26361-F2636-L161	7.790				1) 2)
Processor Xeon MP 1,50GHz/1MB	S26361-F2817-L151	2.290				1) 3)
Processor Xeon MP 1,90GHz/1MB	S26361-F2817-L191	3.250				1) 3)
Processor Xeon MP 2GHz/2MB	S26361-F2817-L202	6.990				1) 3)

### Remarks:

- 1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!
- 2) Type 1 Base Unit only!
- 3) Type 2 Base Unit only!

### Memory

Mem 2GB (4x512) DDR PC1600 ECC	S26361-F2550-L544	1.245				
Mem 4GB (4x1024) DDR PC1600 ECC	S26361-F2550-L545	2.705				

### Remarks:

# PRIMERGY R450

# 4-way Rack Server



Hard Disk Drives					
<b>U160</b>					
HDD U160 10k 36GB hot plug 1"		SNP:SY-F2336L136-P	285		
HDD U160 10k 73GB hot plug 1"		S26361-F2336-L173	405		
HDD U160 10k 146GB hot plug 1"		S26361-F2336-L114	715		
HDD U160 15k 18GB hot plug 1"		S26361-F2336-L518	275		
HDD U160 15k 36GB hot plug 1"		S26361-F2336-L536	375		
HDD U160 15k 73GB hot plug 1"		S26361-F2336-L573	685		
<b>U320</b>					
HDD U320 10k 36GB hot plug 1"		S26361-F2764-L136	255		4)
HDD U320 10k 73GB hot plug 1"		S26361-F2764-L173	315		4)
HDD U320 10k 146GB hot plug 1"		S26361-F2764-L114	555		4)
HDD U320 15k 18GB hot plug 1"		S26361-F2764-L518	245		4)
HDD U320 15k 36GB hot plug 1"		S26361-F2764-L536	285		4)
HDD U320 15k 73GB hot plug 1"		S26361-F2764-L573	515		4)

Remarks:  
 4) Type 2 Base Units only!

## Controllerboards

<b>RAID Controller</b>					
<b>Adaptec U160 0-Channel</b>					
RAID Ctrl U160 0-Channel 48MB Adaptec		S26361-F2728-L48	340		
<b>Mylex 2#</b>					
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex		S26361-F2569-L64	1.010		
RAID Ctrl Battery Backup Unit Mylex		S26361-F2569-L10	250		
<b>Adaptec 2# 3200S</b>					
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec		S26361-F2385-L32	940		
RAID Ctrl Cache Upgrade 32MB Adaptec		S26361-F2386-L32	50		
RAID Ctrl Battery Backup Unit Adaptec		S26361-F2386-L10	250		
<b>Mylex 4# (Big Apple)</b>					
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl		S26361-F2190-L128	2.280		
<b>Adaptec U320 2-ch 2i/2e</b>					
RAID Ctrl U320 2-ch 2i/2e 128MB Adpt		S26361-F2752-L128	820		
RAID Ctrl Battery Backup Unit U320 Adpt		S26361-F2752-L10	210		
<b>SCSI Controller</b>					
<b>AHA2944UW</b>					
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec		S26361-F1722-L1	540		
<b>AHA29160 U160</b>					
SCSI Ctrl, 1x U160 int/ext, SE		S26361-F2399-L1	210		
<b>Fibre Channel</b>					
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC		SNP:SY-F2244L1-P	1.155		
FC Ctrl 1Gbit/s QLA2200 MMF SC		SNP:SY-F2244L2-P	1.590		
FC Ctrl 2Gbit/s LP9802 MMF LC		S26361-F2843-L1	1.580		
FC Ctrl 2Gbit/s LP9002 MMF LC		S26361-F2624-L1	1.890		
FC Ctrl 1Gbit/s LP8000 MMF SC		SNP:SY-F1826L1-P	2.395		
<b>Token Ring Controller</b>					
Token Ring Controller 4/16/100 Mbit		S26361-F2854-L1	245		
<b>Ethernet Controller</b>					
<b>100 Mbit / Intel</b>					
Fast Ethernet Adapter 10/100TX		S26361-F2643-L1	85		
<b>100 Mbit - 2 port</b>					
Fast Ethernet 10/100TX, 2 Port, IPsec		S26361-F2606-L1	245		
<b>1 Gbit</b>					
Eth. Ctrl 1x1Gbit PCI-X PRO/1000XT-G2 Cu		S26361-F2730-L2	175		
Gigabit Ethernet contr. 1000SX, PCI-X		S26361-F2732-L1	625		
Eth. Ctrl 1x1Gbit PCI32 PRO/1000MT Cu		S26361-F2839-L1	75		

Remarks:

## Storage Devices

<b>DVD-ROM ATAPI</b>					
DVD-ROM ATAPI 0.5"		SNP:SY-F2312L1-P	105		

Remarks:

# PRIMERGY R450

# 4-way Rack Server



Rack Options									
<b>Classic Rack (42/23 U Rack)</b>									
RMK CR-Rack N400 telescopic rails		(for details see excel column B)	S26361-F1331-L141	285					17.12.2004
<b>PrimerCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
RMK D/P/3rd P Racks N400 telescopic rail		(for details see excel column B)	SNP:SY-F2261L41-P	370					17.12.2004
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125					
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	35					
Remarks:									
Remote View									
RemoteView Software 3.10			S26361-F1790-L219	50					
RemoteView Software V3.0			S26361-F1790-L218	50					
RemoteView Batteryboard			S26361-F2425-L200	240					
RemoteView external Power Supply			S26361-F2425-L300	40					
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>									
RV Diagnosis L200, N800, H/R450, T/RX600			S26361-F2116-L8	70					
Remarks:									
Other Options									
SCSI interface external f. on-board Ctrl			S26361-F2287-L15	80					
Remarks:									

# PRIMERGY N800

# 8-way Rack Server



### Specifikation

### Hardware-Description

<b>Type</b>	8-way Rack server for highest performance
<b>System board</b>	
Processor	Intel Pentium® III Xeon 550MHz - 900 MHz
Clock speed (MHz)	550/100, 700/100, 900/100
cache bus / host bus	
First-Level-Cache	
Second-Level-Cache	1 and 2 Mbyte
RAM	up to 32 GB SDRAM with ECC (standard)
Access time	50 ns
Bus system	PCI 64-bit

With the PRIMERGY N800, Fujitsu Siemens Computers presents its 8-way Rack server based on the current industry standard for 8-way multiprocessor systems (Profusion) using the latest processor technology from Intel (Pentium® III Xeon). The base unit of the PRIMERGY N800 can be equipped with up to 8 Intel Pentium® III Xeon processors running at 550 up to 900 MHz and 512 MB or 2 MB second level cache depends on the base unit. The minimum configuration of working memory is 256 MB and can be expanded to up to 1 GB with appropriate 1 GB modules. Located on the system board are a 2-channel LVD/U2W SCSI controller. Internally, the PRIMERGY N800 has 4 bays for hot-plug hard disks (9, 18 or 36 GB).

### Upgrades, options

<b>Processors</b>	
Intel Pentium® III Xeon	
	550 /100 MHz, 1 MB SLC
	550 /100 MHz, 2 MB SLC
<b>Memory modules</b>	
<b>1" Hard disk drives for Type 3 and Type 4 only</b>	
10000 rpm	18, 36, 73, 146 Gbyte; max. 4 per system
15000 rpm	18, 36, 73 Gbyte; max. 4 per system

### Dimension, weight

Dimension (H x W x D)	312 x 445 x 712 mm
Rack mount	7 height units (U)
Weight	ca. 60 kg (dependent on configuration)

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Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY N800

- Type 1:** K594V601-P, V602-P, V621-P, V642-P / 550MHz, 1.6" Intel Frame
- Type 2:** K594V201-P, V202-P/ 1.6" Intel Frame
- Type 3:** K594V401-P, V402-P, -V403, -V41. / 4HDD
- Type 4:** K594-V42., -V43. / PCI-X

### Processor Modules

Processor PIII Xeon700MHz/1MB N800	SNP:SY-F2176L701-P	1.200				1)
Processor PIII Xeon700MHz/2MB N800	SNP:SY-F2176L702-P	2.100				1)
Processor PIII Xeon 900MHz/2MB N800	S26361-F2176-L902	3.800				2)
CPU Board + CC-Boards 1xSRAM	SNP:SY-F2172L10-P	2.140				1)
CPU Board + CC-Boards 4xSRAM	SNP:SY-F2172L40-P	4.150				1)

### Remarks:

- 1) Type 2, Type 3 and Type 4 Base Unit only!
  - 2) Type 3 and Type 4 Base Unit only!
- In order to give your customers the possibility of upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

### Memory

### Remarks:

### Hard Disk Drives

#### 1" Frames

HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				4)
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				4)
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				4)
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				4)
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				4)
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				4)

### Remarks:

- 4) Type 3 and Type 4 Base Unit only!

Controllerboards									
<b>RAID Controller</b>									
<b>Mylex 2#</b>									
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010					
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250					
<b>Adaptec 2# 3200S</b>									
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940					6)
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50					6)
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250					6)
<b>Mylex 4# (Big Apple)</b>									
RAID Ctrl U160 4-ch 2i/4e 128MB BBU Myl			S26361-F2190-L128	2.280					
<b>SCSI Controller</b>									
<b>AHA2944UW</b>									
SCSI Ctrl UW 1-ch 1i/1e DE Adaptec			S26361-F1722-L1	540					
<b>AHA29160 U160</b>									
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210					
<b>Fibre Channel</b>									
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155					
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590					
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890					7)
FC Ctrl 1Gbit/s LP8000 MMF SC			SNP:SY-F1826L1-P	2.395					
<b>Token Ring Controller</b>									
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245					
<b>ISDN Controller</b>									
ISDN S0-Ctrl (2B+D) aktive			S26361-F1809-L1	815					
ISDN S2m-Controller (30B+D) aktiv PCI up			SNP:SY-F2090L1-A	9.950				01.10.2004	
<b>Ethernet Controller</b>									
<b>100 Mbit / Intel</b>									
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85					
<b>100 Mbit - 2 port</b>									
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245					
<b>1 Gbit</b>									
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175					7)
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625					7)
Remarks:									
6) Type 2, Type 3 and Type 4 Base Unit only!									
7) Type 4 Base Unit only!									
<b>Power Supplies</b>									
Remarks:									

# PRIMERGY N800

# 8-way Rack Server



Storage Devices									
<b>CD-ROM ATAPI</b>									
CD-ROM ATAPI				SNP:SY-F2240L1-A	35				8)
<b>DVD-ROM ATAPI</b>									
DVD-ROM ATAPI				SNP:SY-F2234L1-A	55				8)
DVD-ROM ATAPI 0.5"				SNP:SY-F2312L1-P	105				9)
<b>DDS 4</b>									
Tape Drv DAT DDS4 20GB, 3MB/s, internal				SNP:SY-F2233L1-A	1.035				
Remarks: 8) Type 1 and Type 2 Base Units only! 9) Type 3 and Type 4 Base Unit only!									
Rack Options									
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
RMK D/P/3rd P Racks N800 telescopic rail			(for details see excel column B)	SNP:SY-F2261L6-P	370				17.12.2004
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks			(for details see excel column B)	S26361-F2734-L14	125				
Adapter angle PC/DC-Rack, till 150Kg			(for details see excel column B)	S26361-F2735-L15	35				
Remarks:									
Remote View									
RemoteView Service Board				S26361-F2425-L100	370				
RemoteView Software V3.0				S26361-F1790-L218	50				
RemoteView Batteryboard				S26361-F2425-L200	240				
RemoteView external Power Supply				S26361-F2425-L300	40				
<b>RemoteView Diagnosis (ChipDisk &amp; Parts)</b>									
RV Diagnosis L200, N800, H/R450, T/RX600				S26361-F2116-L8	70				
Remarks:									
Other Options									
Remarks:									

# PRIMERGY T850

# 8-way Rack Server



### Specifikation

### Hardware-Description

<b>Type</b>	8-way Rack Server	The PRIMERGY T850 satisfies highest performance requirements. It is ideally suited for centralized enterprise data center environments. Application areas especially database server and system platforms server consolidation. With its unique flexibility and scalability the PRIMERGY T850 is ideal where future servers are required to satisfy yet unknown performance requirements.
<b>System board</b>		The PRIMERGY T850 offers unique performance by packing 8 Intel® Xeon™ processors MP into a unit (U) housing. The PRIMERGY T850 can be configured as 4-processor node to allow a cost-optimized enterprise to this high-end server class. It is field-upgradeable to standard 8-processor configuration within minutes
<b>Processor</b>	Intel® Xeon MP	
<b>Clock speed (MHz)</b>	1.4/512Kbyte, 1.5/512Kbyte, 1.6/1Mbyte	
<b>cache bus / host bus</b>	1.5/1Mbyte, 1.9/1Mbyte, 2.0/1Mbyte	
<b>First-Level-Cache</b>	32 Kbyte (2 x 16 Kbyte) (integrated)	
<b>Second-Level-Cache</b>	256 Kbyte	
<b>Third-Level-Cache</b>	512 Kbyte, 1 Mbyte, 2 Mbyte	
<b>RAM</b>	512 Mbyte - 32 Gbyte SDRAM with ECC	
	Chipkill, Memory Scrubbing, Redundant Bit Steering, Memory Mirroring (optional)	
<b>Bus system</b>	2x64-Bit/PCI-X 133MHz; 2x64-Bit/PCI-X 100MHz; 2x64-Bit/PCI-X 66MHz	

### Upgrades, options

#### Processors

Intel Pentium® III Xeon	1.4/512Kbyte, 1.5/512Kbyte, 1.6/1Mbyte
	1.5/1Mbyte, 1.9/1Mbyte, 2.0/1Mbyte

#### Memory modules

512 Mbyte	1, 2, 4 Gbyte SDRAM
-----------	---------------------

#### 1" Hard disk drives

10000 rpm	18, 36, 73, 146 Gbyte; max. 2 per system
15000 rpm	18, 36, 73 Gbyte; max. 2 per system

### Dimension, weight

Dimension (H x W x D)	177 x 482 x 776 mm
Rack mount	4 height units (U)
Weight	ca. 50 kg (dependent on configuration)

[Click her - to get more information about PRIMERGY Server](#)

[Data sheet](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY T850

Type 1: K846-V10., -V20.  
Type 2: K846-V41., -V81.

### Processor Modules

Processor Xeon MP 1,40GHz/512KB T850	S26361-F2740-L140	2.390				1) 2)
Processor Xeon MP 1,50GHz/512KB T850	S26361-F2740-L150	4.140				1) 2)
Processor Xeon MP 1,60GHz/1GB T850	S26361-F2740-L161	7.790				1) 2)
Processor Xeon MP 1,50GHz/1MB T850	S26361-F2740-L151	2.340				1) 3)
Processor Xeon MP 1,90GHz/1MB T850	S26361-F2740-L191	3.250				1) 3)
Processor Xeon MP 2GHz/2MB T850	S26361-F2740-L202	7.240				1) 3)

Remarks:.

- In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system. When upgrading to new processor frequencies make sure to flash the latest BIOS version also!
- Type 1 Base Unit only!
- Type 2 Base Unit only!

### Memory

Mem 2GB (4x512) SD PC133 ECC	S26361-F2741-L142	1.345				
Mem 4GB (4x1024) SD PC133 ECC	S26361-F2741-L144	2.985				

Remarks:

### Hard Disk Drives

#### 1" Frames

HDD U160 10k 36GB hot plug 1"	SNP:SY-F2336L136-P	285				
HDD U160 10k 73GB hot plug 1"	S26361-F2336-L173	405				
HDD U160 10k 146GB hot plug 1"	S26361-F2336-L114	715				
HDD U160 15k 18GB hot plug 1"	S26361-F2336-L518	275				
HDD U160 15k 36GB hot plug 1"	S26361-F2336-L536	375				
HDD U160 15k 73GB hot plug 1"	S26361-F2336-L573	685				

Remarks:



Controllerboards					
<b>RAID Controller</b>					
<b>Mylex 1# (BobCat)</b>					
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex			S26361-F2406-L16	530	
<b>Mylex 2#</b>					
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex			S26361-F2569-L64	1.010	
RAID Ctrl Battery Backup Unit Mylex			S26361-F2569-L10	250	
<b>Adaptec 2# 3200S</b>					
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec			S26361-F2385-L32	940	
RAID Ctrl Cache Upgrade 32MB Adaptec			S26361-F2386-L32	50	
RAID Ctrl Battery Backup Unit Adaptec			S26361-F2386-L10	250	
<b>SCSI Controller</b>					
<b>SCSI U160</b>					
SCSI Ctrl, 1x U160 int/ext, SE			S26361-F2399-L1	210	
<b>Fibre Channel</b>					
FC Ctrl 1Gbit/s QLA2200 Cu HSSDC			SNP:SY-F2244L1-P	1.155	
FC Ctrl 1Gbit/s QLA2200 MMF SC			SNP:SY-F2244L2-P	1.590	
FC Ctrl 2Gbit/s LP9802 MMF LC			S26361-F2843-L1	1.580	
FC Ctrl 2Gbit/s LP9002 MMF LC			S26361-F2624-L1	1.890	
<b>Token Ring Controller</b>					
Token Ring Controller 4/16/100 Mbit			S26361-F2854-L1	245	
<b>Ethernet Controller</b>					
<b>100 Mbit / Intel</b>					
Fast Ethernet Adapter 10/100TX			S26361-F2643-L1	85	
<b>100 Mbit - 2 port</b>					
Fast Ethernet 10/100TX, 2 Port, IPsec			S26361-F2606-L1	245	
<b>1 Gbit</b>					
Gigabit Ethernet contr. 1000TX, PCI-X			S26361-F2730-L1	175	
Gigabit Ethernet contr. 1000SX, PCI-X			S26361-F2732-L1	625	
Remarks:					
<b>Other Options</b>					
PRIMERGY T850 8-way Upgrade			S26361-F2738-L308	8.275	
PRIMERGY T850 PCI Extension Box Upgrade			S26361-F2739-L412	2.875	
Remarks:					
<b>Remote View</b>					
RemoteView Software 3.10			S26361-F1790-L219	50	
RemoteView Software V3.0			S26361-F1790-L218	50	
RemoteView external Power Supply			S26361-F2425-L300	40	
Remarks:					

# PRIMERGY TX150

# Mono Processor Tower Server



### Specifikation

<b>Type</b>	Mono Processor Tower Server
<b>System board</b>	
Processors	Intel® Pentium® 4
Chip set	ServerWorks GC-SL
Frequencies	2.8, 3.06
Front-Side-Bus	533 MHz
Second-Level-Cache	512 Kbyte ECC
Memory	256 Mbyte up to max. 4 Gbyte

### Hardware-Description

The PRIMERGY TX150 is a universal mono processor server platform for classical business- respectively industry- and office applications. Specific application areas might include as file and print server, as an intranet or Internet server, as a communications server for gateways, domains, firewalls and as Web server.

### Upgrades, options

<b>Memory modules</b>	256MB, 512 MB and 1GB DDR-RAM PC2100 lp ECC
<b>1" Hard disk drives</b>	18, 36, 73, 146 Gbyte;

### Dimensions, weight

Dimension (H x W x D)	221 x 482 x 607 mm
Rack mount	5 height unit (U)
Weight	ca. 28 kg (depends on configuration)

### Data sheet

(Click here for download)

[Click her - to get more information about PRIMERGY Server](#)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
Euro					
<b>Base Units for PRIMERGY RX200</b>					
Type 1: K879-V*					
<b>Memory</b>					
Mem 256MB DDR-RAM PC2100 lp ECC		S26361-F2762-L513	155		
Mem 512MB DDR-RAM PC2100 lp ECC		S26361-F2762-L514	225		
Mem 1GB DDR-RAM PC2100 lp ECC		S26361-F2762-L515	575		
Remarks:					
<b>Hard Disk Drives</b>					
HDD Extension for 3x hot plug		S26361-F2826-L1	325		
HDD U320 10k 36GB hot plug 1"		S26361-F2764-L136	255		
HDD U320 10k 73GB hot plug 1"		S26361-F2764-L173	315		
HDD U320 10k 146GB hot plug 1"		S26361-F2764-L114	555		
HDD U320 15k 18GB hot plug 1"		S26361-F2764-L518	245		
HDD U320 15k 36GB hot plug 1"		S26361-F2764-L536	285		
HDD U320 15k 73GB hot plug 1"		S26361-F2764-L573	515		
Remarks:					

# PRIMERGY TX150

# Mono Processor Tower Server



Controllerboards					
<b>SCSI Controller</b>					
SCSI Ctrl. 1x U160 int/ext, SE		S26361-F2399-L1	210		
SCSI Ctrl. 1xU160 int.		S26361-F2644-L1	130		
<b>RAID Controller</b>					
<b>Adaptec 0-Channel</b>					
RAID Ctrl U320 0-Channel 48MB Adaptec		S26361-F2728-L348	290		
<b>Adaptec 1# 2100S</b>					
RAID Ctrl U160 1-ch 1i/1e 32MB Adaptec		S26361-F2405-L32	520		
<b>Mylex 1# (BobCat)</b>					
RAID Ctrl U160 1-ch 1i/1e 16MB Mylex		S26361-F2406-L16	530		
<b>LSI 1#</b>					
RAID Ctrl U320 1-ch 1i/1e 64MB LSI		S26361-F3005-L64	480		
RAID Ctrl Battery Backup Unit U320 LSI		S26361-F3005-L10	210		
<b>Adaptec 2 3200S</b>					
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec		S26361-F2385-L32	940		
RAID Ctrl Cache Upgrade 32MB Adaptec		S26361-F2386-L32	50		
RAID Ctrl Battery Backup Unit Adaptec		S26361-F2386-L10	250		
<b>Mylex 2# AR352</b>					
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex		S26361-F2569-L64	1.010		
RAID Ctrl Battery Backup Unit Mylex		S26361-F2569-L10	250		
<b>LSI 2# 320-2</b>					
RAID Ctrl U320 2-ch 2i/2e 128MB BBU LSI		S26361-F3006-L128	1.030		
<b>ISDN Controller</b>					
ISDN S0-Ctrl (2B+D) aktive		S26361-F1809-L1	815		
ISDN S2m-Controller (30B+D) aktiv PCI up		SNP:SY-F2090L1-A	9.950		01.10.2004
<b>Ethernet Controller</b>					
<b>100 Mbit / Intel</b>					
Eth. Ctrl 1x100Mbit PCI32 PRO/100 Cu		S26361-F2643-L1	85		
<b>1 Gbit</b>					
Eth. Ctrl 1x1Gbit PCI32 PRO/1000MT Cu		S26361-F2839-L1	75		
Eth. Ctrl 1x1Gbit PCI-X PRO/1000XT Cu		S26361-F2730-L1	175		
Eth. Ctrl 1x1Gbit PCI-X PRO/1000XF SC		S26361-F2732-L1	625		
Eth. Ctrl 1x1Gbit PCI-X Pro/1000MT Cu		S26361-F3053-L1	175		
Eth. Ctrl 1x1Gbit PCI-X Pro/1000MF LC		S26361-F3054-L1	575		
<b>100 Mbit - 2 port</b>					
Eth. Ctrl 2x100Mbit PCI64 PRO/100S Cu		S26361-F2606-L1	245		
<b>1 Gbit - 2 port</b>					
Eth. Ctrl 2x1Gbit PCI-X PRO/1000MT Cu		S26361-F3011-L1	250		
<b>Token Ring Controller</b>					
Token Ring contr. Madge PCI HSTR Adapt.		S26361-F2854-L1	245		
Remarks:					
<b>Storage Devices</b>					
<b>CD Drives</b>					
CD-ROM ATAPI		SNP:SY-F2240L1-A	35		
DVD-ROM ATAPI		SNP:SY-F2234L1-A	55		
CD-RW / DVD ATAPI		S26361-F3008-L1	105		
<b>Tape Drives</b>					
Tape Drv DAT DDS4 20GB 2.8MB/s internal		S26361-F2233-L3	690		
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR		S26361-F2233-L31	740		
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.		S26361-F2233-L13	2.040		
Tape Drv DDS Gen5 36GB 3MB/s int.		S26361-F2848-L3	780		
Tape Drv DDS Gen5 36GB 3MB/s for OBDR		S26361-F2848-L31	830		
Tape Drv VXA-2 80GB 6MB/s int.		S26361-F2849-L3	975		
Tape Drv SLR100 50GB 5MB/s internal		S26361-F2238-L3	1.740		
Tape Drv LTO Ultrium 100GB 7.5MB/s int.		S26361-F2573-L3	2.340		
Tape Drv DLT 8000 40GB 6MB/s internal		S26361-F2232-L3	2.840		
Remarks:					
<b>Remote View</b>					
RemoteView Software 3.10		S26361-F1790-L219	50		
RemoteView Software 4.0		S26361-F1790-L220	50		
PRIMERGY ServerStart Bundle subscription		U15000-C176	215		
Terminal Server Deploy US/D V4.5 1CPU/1y		S26361-F2347-L101	875		
Terminal Server Deploy US/D V4.5 1CPU/3y		S26361-F2347-L102	1.075		
ServerView Integration (US) V1.3		U15051-C107	1.575		
RemoteView Service Board		S26361-F2425-L100	370		
RV Diagnose C150, C200, TX150, TX150S2		S26361-F2116-L12	70		
RemoteView external Power Supply		S26361-F2425-L300	40		
RemoteView Batteryboard		S26361-F2425-L200	240		
RV Cables RX100/300, TX150/200/300		S26361-F2425-L121	50		
Remarks:					

# PRIMERGY TX150

# Mono Processor Tower Server



### Rack Options

RMK 1 D/P/3rd P Racks telescopic rails			S26361-F2734-L31	243				
RMK 1/2 CR telescopic rails			S26361-F1331-L7	243				
Pair of cable carriers f 3rd party racks			S26361-F2201-L20	50				
Conversion Floor->Rack PY TX150/Cxxx			S26361-F2618-L220	95				
Console switch cable 2.5m			SNP-SY-F2293L11-P	60				
Console switch cable 3.5m			SNP-SY-F2293L12-P	90				
Console switch cable 10m			SNP-SY-F2293L13-P	160				

Remarks:

### Other Options

APC-UPS COM Cable NOVELL_NT_OS2			S26113-F231-L1	45				
APC-UPS COM Cable SCO UnixWare			S26113-F232-L1	45				
APC-UPS COM Cable extension			S26113-F233-L1	45				
APC-UPS COM-Port extension			S26113-F81-L1	115				
APC-UPS slot expansion box			S26113-F82-L1	65				
APC-UPS WEB Management Adapter			S26113-F80-L10	255				
Cable powercord rack 4m grey			T26139-Y1968-L10	15				
Power Supply Upgrade 250W (hot plug)			S26113-F449-L1	350				
Power Supply Module 250W (hot plug)			S26113-F449-L11	210				
Cable powercord (D,...), 1.8m, grey			T26139-Y1740-L10	15				
Cable powercord (UK, IR), 1.8m, grey			T26139-Y1744-L10	15				
SCSI interface external f. on-board Ctrl			T26139-Y3849-L1	45				
68-Pin Kit for accessible drives			S26361-F2814-L6	50				
Modem 56kbps (V.90), external, Multitech			S26361-F1652-L4	245				

Remarks:

# PRIMERGY TX150-SATA Mono Processor Tower Server



## Specifikation

<b>Type</b>	Mono Processor Tower Server
<b>System board</b>	
Processors	Intel® Celeron® / Pentium® 4
Chip set	ServerWorks GC-SL
Frequencies	2.6 / 2.8, 3.06
Front-Side-Bus	400 MHz / 533 MHz
Second-Level-Cache	128 Kbyte ECC / 512 Kbyte ECC
Memory	256 Mbyte up to max. 4 Gbyte

## Hardware-Description

The PRIMERGY TX150 SATA is a universal mono processor server platform for classical business- respectively industry- and office applications. Specific application areas might include as file and print server, as an intranet or Internet server, as a communications server for gateways, domains, firewalls and as Web server.

## Upgrades, options

<b>Memory modules</b>	256MB, 512 MB and 1GB DDR-RAM PC2100 lp ECC
<b>1" Hard disk drives</b>	80 Gbyte; 160 Gbyte

Dimension of floor-stand (HxWxD)	444 * 205 * 605 mm,
Weight	incl. all plastics approximately 28 kg (depends on configuration)

[Click her - to get more information about PRIMERGY Server](#)

[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			
<b>Base Units for PRIMERGY RX200</b>						
Type 1: K879-V*						
<b>Memory</b>						
Mem 256MB DDR-RAM PC2100 lp ECC		S26361-F2762-L513	155			
Mem 512MB DDR-RAM PC2100 lp ECC		S26361-F2762-L514	225			
Mem 1GB DDR-RAM PC2100 lp ECC		S26361-F2762-L515	575			
Remarks:						
<b>Hard Disk Drives</b>						
HDD S-ATA 7.2k 80GB hot plug 3.5"		S26361-F3017-L80	155			
HDD SATA 7.2k 160GB hot plug 3.5"		S26361-F3017-L160	225			
Remarks:						

# PRIMERGY TX150-SATA

# Mono Processor Tower Server



Controllerboards			
<b>SCSI Controller</b>			
SCSI Ctrl, 1x U160 int/ext, SE	S26361-F2399-L1	210	
<b>RAID Controller</b>			
<b>Adaptec</b>			
RAID Ctrl U160 2-ch 2i/2e 32MB Adaptec	S26361-F2385-L32	940	
RAID Ctrl Battery Backup Unit Adaptec	S26361-F2386-L10	250	
RAID Ctrl Cache Upgrade 32MB Adaptec	S26361-F2386-L32	50	
<b>Mylex</b>			
RAID Ctrl U160 2-ch 2i/2e 64MB Mylex	S26361-F2569-L64	1.010	
RAID Ctrl Battery Backup Unit Mylex	S26361-F2569-L10	250	
<b>LSI</b>			
RAID Ctrl U320 2-ch 2i/2e 128MB BBU LSI	S26361-F3006-L128	1.030	
<b>ISDN Controller</b>			
ISDN S0-Ctrl (2B+D) aktive	S26361-F1809-L1	815	
<b>Ethernet Controller</b>			
<b>100 Mbit / Intel</b>			
Eth. Ctrl 1x100Mbit PCI32 PRO/100 Cu	S26361-F2643-L1	85	
<b>1 Gbit</b>			
Eth. Ctrl 1x1Gbit PCI32 PRO/1000MT Cu	S26361-F2839-L1	75	
Eth. Ctrl 1x1Gbit PCI-X PRO/1000XT Cu	S26361-F2730-L1	175	
Eth. Ctrl 1x1Gbit PCI-X PRO/1000XF SC	S26361-F2732-L1	625	
Eth. Ctrl 1x1Gbit PCI-X Pro/1000MT Cu	S26361-F3053-L1	175	
Eth. Ctrl 1x1Gbit PCI-X Pro/1000MF LC	S26361-F3054-L1	575	
<b>100 Mbit - 2 port</b>			
Eth. Ctrl 2x100Mbit PCI64 PRO/100S Cu	S26361-F2606-L1	245	
<b>1 Gbit - 2 port</b>			
Eth. Ctrl 2x1Gbit PCI-X PRO/1000MT Cu	S26361-F3011-L1	250	
<b>Token Ring Controller</b>			
Token Ring contr. Madge PCI HSTR Adapt.	S26361-F2854-L1	245	
Remarks:			
<b>Storage Devices</b>			
<b>CD Drives</b>			
CD-ROM ATAPI	SNP:SY-F2240L1-A	35	
DVD-ROM ATAPI	SNP:SY-F2234L1-A	55	
CD-RW / DVD ATAPI	S26361-F3008-L1	105	
<b>Tape Drives</b>			
Tape Drv DAT DDS4 20GB 2.8MB/s internal	S26361-F2233-L3	690	
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR	S26361-F2233-L31	740	
Tape Drv DDS Gen5 36GB 3MB/s int.	S26361-F2848-L3	780	
Tape Drv DDS Gen5 36GB 3MB/s for OBDR	S26361-F2848-L31	830	
Tape Drv VXA-2 80GB 6MB/s int.	S26361-F2849-L3	975	
Tape Drv SLR100 50GB 5MB/s internal	S26361-F2238-L3	1.740	
Tape Drv LTO Ultrium 100GB 7.5MB/s int.	S26361-F2573-L3	2.340	
Remarks:			
<b>Remote View</b>			
RemoteView Software 3.10	S26361-F1790-L219	50	
RemoteView Software 4.0	S26361-F1790-L220	50	
PRIMERGY ServerStart Bundle subscription	U15000-C176	215	
Terminal Server Deploy US/D V4.5 1CPU/1y	S26361-F2347-L101	875	
Terminal Server Deploy US/D V4.5 1CPU/3y	S26361-F2347-L102	1.075	
ServerView Integration (US) V1.3	U15051-C107	1.575	
RemoteView Service Board	S26361-F2425-L100	370	
RV Diagnose C150, C200, TX150, TX150S2	S26361-F2116-L12	70	
RemoteView external Power Supply	S26361-F2425-L300	40	
RemoteView Batteryboard	S26361-F2425-L200	240	
RV Cables RX100/300, TX150/200/300	S26361-F2425-L121	50	
Remarks:			
<b>Rack Options</b>			
RMK 1 D/P/3rd P Racks telescopic rails	S26361-F2734-L31	243	
RMK 1/2 CR telescopic rails	S26361-F1331-L7	243	
Conversion Floor->Rack PY TX150/Cxxx	S26361-F2618-L220	95	
Console switch cable 2.5m	SNP:SY-F2293L11-P	60	
Console switch cable 3.5m	SNP:SY-F2293L12-P	90	
Console switch cable 10m	SNP:SY-F2293L13-P	160	
Remarks:			
<b>Other Options</b>			

# PRIMERGY TX150-SATA Mono Processor Tower Server



Power Supply Upgrade 250W (hot plug)			S26113-F449-L1	350				
Power Supply Module 250W (hot plug)			S26113-F449-L11	210				
Cable powercord (D...), 1.8m, grey			T26139-Y1740-L10	15				
Cable powercord (UK, IR), 1.8m, grey			T26139-Y1744-L10	15				
SCSI interface external f. on-board Ctrl			T26139-Y3849-L1	45				
68-Pin Kit for accessible drives			S26361-F2814-L6	50				
Modem 56kbps (V.90), external, Multitech			S26361-F1652-L4	245				
Remarks:								

# PRIMERGY RX200

# 2-way Rack Server



### Specifikation

<b>Type</b>	Dual Processor Rack Server
<b>System board</b>	
Processors	Intel® Xeon™ (1 - 2)
Chip set	Intel 7501
Frequencies	2.66, 2.80, 3.06, 2.80, 3.06, 3.20
Front-Side-Bus	533 MHz
Second-Level-Cache	512 Kbyte ECC
Third-Level-Cache	1 Mbyte (2.80, 3.06, 3.20GHz)
Memory	512 Mbyte up to max. 12 Gbyte

### Hardware-Description

Fully optimized for use in 19 inch rack infrastructures, the PRIMERGY RX200 is well suited for use in sophisticated Web applications or as an e-mail server, terminal server, or general applications server. Users who need the highest performance, availability and expandability in a very small space will find the PRIMERGY RX200 to be an ideal solution. The design of the PRIMERGY RX200 efficiently uses its one height unit (U) form factor to provide a unique combination of features.

### Upgrades, options

<b>Processors</b>	
Intel® Xeon™ (1 - 2)	2.4GHz, 2.66GHz, 2.8GHz 3.06GHz und 3.2GHz
<b>Memory modules</b>	512 Mbyte, 1 GB and 2GB DDR-RAM PC2100 lp ECC
<b>1" Hard disk drives</b>	18, 36, 73, 146 Gbyte;

### Dimension, weight

Dimension (H x W x D)	44 x 430 x 650 mm
Rack mount	1 height unit (U)
Weight	ca. 13 kg (depends on configuration)

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[Data sheet](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Euro	Directions for use yes/no Prospective Last Order	Remarks
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### Base Units for PRIMERGY RX200

Type 1: K878-V\*

### Processors

Processor XEON DP 2.66GHz 512kB/533MHz	S26361-F2827-L760	470		1)
Processor XEON DP 3.06GHz 512kB/533MHz	S26361-F2827-L800	620		1)

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.  
 1) In order to give your customers the possibility of upgrading with the above mentioned processors, kindly take care that it is the right system.  
 When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.

### Hard Disk Drives

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.



<b>Controllerboards</b>									
RAID Controller									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Storage Devices</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Remote View</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Rack Options</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Other Options</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									

**PRIMERGY TX600**

**4-way Tower Server**



**Specifikation**

**Hardware-Description**

<b>Type</b>	4-way Processor Tower Server
<b>System board</b>	
Processors	Intel® Xeon™ MP (1 - 4)
Chip set	ServerWorks GC LE
Frequencies	2, 2.50, 2.80
Front-Side-Bus	400 MHz
Second-Level-Cache	512 Kbyte ECC
Third-Level-Cache	1 Mbyte, 2 Mbyte (3.0 GHz)
Memory	2-way interleaved, registered ECC PC2100 DDR SDRAM: 4 banks with 2 slots each for modules 512 Mbyte, 1 and 2 Gbyte memory scrubbing, Chipkill™ and hot-spare memory support

The PRIMERGY tower server TX600 is a high performance and highly expandable 4-way processor system for mid-sized and large organizations. It is particularly flexible in its application and combines high 4-way power and impressive reliability functions.

- Superb power reserves through newest Intel® Xeon™ processors MP with up to 3.0 GHz and 4 Mbyte third-level-cache
- High degree of availability for memory protection mechanisms at up to 16 Gbyte 2-way interleaved DDR SDRAM memory with Chipkill™ and hot-spare memory option as well as hot-plug redundant fans and power supply as standard

**Upgrades, options**

**Dimension, weight**

<b>Processors</b>	
Intel® Xeon™ (1 - 4)	2 GHz, 2.50GHz, 2.8GHz
<b>Memory modules</b>	512 Mbyte, 1 GB and 2GB DDR-RAM PC2100 ECC
<b>1" Hard disk drives</b>	18, 36, 73, 146 Gbyte, Ultra320 SCSI

Dimension (H x W x D)	516 * 240 * 776 (mm)
Rack mount	5 height unit (U)
Weight	900 mm rack recommended ca. 56 kg (depends on configuration)

[Data sheet](#)  
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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no Prospective Last Order	Remarks
			Euro		

**Base Units for PRIMERGY TX600**

Type 1: K901-V\*

**Processors**

Processor	Order No.	ERRP	Remarks
Processor Xeon MP 2.50GHz/1MB	S26361-F2817-L251	3.490	1)
Processor Xeon MP 2.80GHz/2MB	S26361-F2817-L282	6.490	1)
Processor Xeon MP 2GHz/1MB	S26361-F2817-L201	1.450	1)
Processor Xeon MP 2.20GHz/2MB	S26361-F2817-L222	1.950	1)
Processor Xeon MP 2.70GHz/2MB	S26361-F2817-L272	3.250	1)
Processor Xeon MP 3.00GHz/4MB	S26361-F2817-L304	6.050	1)

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.  
1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system.  
When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.

**Hard Disk Drives**

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.

<b>Controllerboards</b>									
RAID Controller									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Storage Devices</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Remote View</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Rack Options</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Other Options</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									

# PRIMERGY RX600

# 4-way Rack Server



Specifikation		Hardware-Description	
<b>Type</b>	4-way Processor Rack Server	The PRIMERGY RX600 offers sufficient power for current and future requirements thanks to the latest Intel® Xeon™ MP processor technology. Large performance and capacity bandwidths are assured through the scalability of the possible number of processors, the main memory of up to 16 Gbytes and a maximum of 6 integratable hard disks.	
<b>System board</b>			
Processors	Intel® Xeon™ MP (1 - 4)		
Chip set	ServerWorks GC LE		
Frequencies	2, 2.50, 2.80		
Front-Side-Bus	400 MHz		
Second-Level-Cache	512 Kbyte ECC		
Third-Level-Cache	1 Mbyte, 2 Mbyte (2.80 GHz)		
Memory	2-way interleaved, registered		
	ECC PC2100 DDR SDRAM: 4 banks with 2 slots each for modules 512 Mbyte, 1 and 2 Gbyte memory scrubbing, Chipkill™ and hot-spare memory support		
<b>Dimension, weight</b>			
<b>Upgrades, options</b>		Dimension (H x W x D)	132,45 x 482,6 x 787,0 mm
<b>Processors</b>		Rack mount	3 height unit (U)
Intel® Xeon™ (1 - 4)	2 GHz, 2.50GHz, 2.8GHz	Weight	ca. 56 kg (depends on configuration)
<b>Memory modules</b>		<a href="#">Data sheet</a>	
		(Click here for download)	
<b>1" Hard disk drives</b>			

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY RX600

Type 1: K861-V\*

### Processors

Processor Xeon MP 2.50GHz/1MB	S26361-F2817-L251	3.490				1)
Processor Xeon MP 2.80GHz/2MB	S26361-F2817-L282	6.490				1)
Processor Xeon MP 2GHz/1MB	S26361-F2817-L201	1.450				1)
Processor Xeon MP 2.20GHz/2MB	S26361-F2817-L222	1.950				1)
Processor Xeon MP 2.70GHz/2MB	S26361-F2817-L272	3.250				1)
Processor Xeon MP 3.00GHz/4MB	S26361-F2817-L304	6.050				1)

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.  
 1) In order to give your customers the possibility for upgrading with the above mentioned processors, kindly take care that it is the right system.  
 When upgrading to new processor frequencies make sure to flash the latest BIOS version also!

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.

### Hard Disk Drives

Remarks:

Kindly have a look to the PRIMERGY Pricelist for options are made available generally.

<b>Controllerboards</b>									
RAID Controller									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Storage Devices</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Remote View</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Rack Options</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									
<b>Other Options</b>									
Remarks: Kindly have a look to the PRIMERGY Pricelist for options are made available generally.									

# PRIMERGY S10

# External Storage Subsystem



### Specifikation

### Hardware-Description

<b>Type</b>	External Storage Subsystem for PRIMERGY servers	The available rack version of the PRIMERGY S10 Subsystem offers a particularly simple yet high-performance data backup facility.
<b>Connection of drives</b>		The PRIMERGY S10 is positioned as a backup solution based on 19" rack technology. This storage subsystem offers space for all existing types of backup units, such as the DLT 8000, DDS4, Autoloader, and so on. The PRIMERGY S10 can be connected via on board controllers or Adaptec 29U2W, with one or two PRIMERGY S10 units being chained on a single SCSI string. The PRIMERGY possesses an integrated power supply unit.
Number of channels	1 U2W SCSI	
External SCSI connections	via SCSI string, two S10s can be attached to one SCSI channel	
Server controller	PRIMERGY onboard controller or U2W controller	

### Upgrades, options

### Storage Devices

### Dimension, weight

Dimension (H x W x D)	132,35 x 482,6 x 425 mm
Rack mount	3 height units (U)
Weight	max. 9,2 kg (dependent on configuration)

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### Data sheet

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY S10

Type 1: K648-V100

### Storage Devices

Storage Device	Order No.	ERRP
<b>DDS3</b>		
Tape Drv DAT DDS3 12GB, 1MB/s, internal	S26361-F1730-L1	820
Adapter for 8bit SCSI devices	S26361-F2395-L2	45
	(for details see excel column B)	
<b>DDS 4 and DDS 4 Autoloader</b>		
Tape Drv DAT DDS4 20GB 2.8MB/s internal	S26361-F2233-L3	690
Tape Drv DAT DDS4 20GB 2.8MB/s for OBDR	S26361-F2233-L31	740
Tape Drv DAT DDS4 6x20GB 2.8MB/s intern.	S26361-F2233-L13	2.040
<b>DLT 8000</b>		
Tape Drv DLT 8000 40GB 6MB/s internal	S26361-F2232-L3	2.840
<b>LTO</b>		
Tape Drv LTO Ultrium 100GB 7.5MB/s int.	S26361-F2573-L3	2.340
<b>SLR</b>		
<b>SLR100</b>		
Tape Drv SLR100 50GB 5MB/s internal	S26361-F2238-L3	1.740

Remarks:

### Other Options

Remarks:

# PRIMERGY S40-BS

# External Storage Subsystem



### Specification

<b>Type</b>	External Storage Subsystem S40-BS
<b>System board</b>	
Number of channels	1 or 3 U2W LVD with up to 12 hot plug HDDs
RAID-Level	depending on RAID-Controller
External SCSI adapters	HD 68 (S) (HD 68-pin, screw type)

### Hardware-Description

The PRIMERGY S40-BS achieves the high system performance and high-speed data access required in the business applications environment through the use of the SCSI technology. PRIMERGY S40-BS can be operated in any mix using 9-, 18- and 36-Gbyte hard disks at speeds of 7.200 or 10.000rpm.

### Upgrades, options

<b>1.6" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 12 per system

### Dimension, weight

Dimension (H x W x D)	266 x 483 x 720 mm
Rack mount	6 height units (U)
Tower (H x D)	481 x 748
Width(wo/w feet)	265 / 324
Weight	max. 50 kg (dependent on configuration)

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### Data sheet

(Click here for download)

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Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY S40-BS

Type 1: K538Vx11 / S40-BS

### Hard Disk Drives

#### 1,6" Alu-Frames

HDD U2W 10k 36GB hot plug 1.6"	SNP:SY-F1899L136-A	325				1)
HDD U2W 10k 73GB hot plug 1.6"	S26361-F1899-L173	465				
HDD U2W 10k 146GB hot plug 1.6"	S26361-F1899-L114	805				

#### Remarks:

1) If the PRIMERGY S40-BS is connected via an additional LVD-converter the Single-Ended controller as well as the LVD-converter have to be replaced by a SCSI-/RAID controller which is equal or greater than U2W/LVD in order to upgrade with the above mentioned Hard Disk Drives.

### Power Supplies

Power supply module 400W (hot plug)	SNP:PS-F234L1-P	350				17.12.2004
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#### Remarks:

### Rack Options

<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>						
RMK D/P/3rd P Racks S40 telescopic rails	(for details see excel column B)	SNP:SY-F2261L7-P	370			17.12.2004
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>						
Adapterkit to DC- and PC- racks	(for details see excel column B)	S26361-F2734-L14	125			
Adapter angle PC/DC-Rack, till 150Kg	(for details see excel column B)	S26361-F2735-L15	35			

#### Remarks:

**PRIMERGY S40-DF**

**External Storage Subsystem**



**Specifikation**

**Hardware-Description**

<b>Type</b>	External Storage Subsystem S40-DF
<b>System board</b>	
Number of channels	2 or 4 U2W LVD with up to 12 hot plug HDDs
RAID-Level	0, 1, 5, 10, 50, JBOD
Integrated controller	4 channel RAID controller U2W LVD SCSI with 2 x FC-AL host adapters
External SCSI adapters	HD 68 (S) (HD 68-pin, screw type)
External FC adapters	4 x HSSDC copper (S40-DF without HUB) 4 x GBIC (S40-DF with HUB)

The PRIMERGY S40-DF is the active version of the PRIMERGY S40 storage family. The external connection to the servers is implemented using two Fibre Channel transmission channels, this permits distances of up to 10 km between the individual components.  
S40-DF can be operated in any mix using 9-, 18- and 36-Gbyte hard disks at speeds of 7.200 or 10.000rpm.

**Upgrades, options**

<b>1.6" Hard disk drives</b>	
10000 rpm	18, 36 Gbyte; max. 12 per system

**Dimension, weight**

Dimension (H x W x D)	266 x 483 x 720 mm
Rack mount	6 height units (U)
Tower (H x D)	481 x 748
Width(wo/w feet)	265 / 324
Weight	max. 50 kg (dependent on configuration)

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[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

**Base Units for PRIMERGY S40-DF**

Type 1: K538-V4x3, -V5x3 / S40-DF / HUB

**Hard Disk Drives**

**1.6" Alu-Frames**

HDD U2W 10k 36GB hot plug 1.6"	SNP:SY-F1899L136-A	325	1)
HDD U2W 10k 73GB hot plug 1.6"	S26361-F1899-L173	465	1)
HDD U2W 10k 146GB hot plug 1.6"	S26361-F1899-L114	805	1)

Remarks:

1) Kindly have a look at the restrictions done for release as described especially in an appropriate Service Info. (PRIMERGY Service Bulletin number: SB-PRI-04042)

**Fibre Channel**

FC MIA for S60	SNP:SY-F1897L2-P	780	
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Remarks:

**Power Supplies**

Power supply module 400W (hot plug)	SNP:PS-F234L1-P	350	17.12.2004
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Remarks:



<b>Rack Options</b>									
<b>PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)</b>									
RMK D/P/3rd P Racks S40 telescopic rails		(for details see excel column B)	SNP:SY-F2261L7-P	370					17.12.2004
<b>Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site</b>									
Adapterkit to DC- and PC- racks		(for details see excel column B)	S26361-F2734-L14	125					
Adapter angle PC/DC-Rack, till 150Kg		(for details see excel column B)	S26361-F2735-L15	35					
Remarks:									
<b>Other Options</b>									
APC-UPS COM-Port extension			S26113-F81-L1	115					
Remarks:									

# PRIMERGY S60

# External Storage Subsystem



Specification		Hardware-Description	
<b>Type</b>	PRIMERGY Fibre Channel storage subsystem	Speed and reliability are the decisive success factors for business-critical computing solution scenarios in the server market. The very highest demands on failsafe performance, scalable growth and transmission speed are now demanded in particular of storage subsystem	
<b>System board</b>			
Connection channels	Dual Loop FC, with up to 14 hot-plug hard disks		
RAID-Level	0, 1, 10, 3, 30, 5, 50		
Host connections	2 per FC controller		
Server controller	QLA 2200, QLA 2100FC HBA = host bus adapter	S40-DF can be operated in any mix using 9-, 18-	
External FC connections	HSSDC and GBIC per RAID controller	The S60 storage subsystem is the ideal complement to PRIMERGY servers. It offers up to 14 hot-plug Fibre Channel hard disks, each with a capacity of 73 Gbytes and 146 Gbytes and transmission band of 100 MB/s per channel.	
<b>Upgrades, options</b>		<b>Dimension, weight</b>	
<b>1" Hard disk drives</b>		Rack Dimension	133 x 483 x 681 mm
10000 rpm	73, 146 Gbyte; max. 14 per system	Tower (H x W x D)	481 x 280 x 692 mm
		Rack mount	6 height units (U)
		Tower (H x D)	481 x 748
		Width(wo/w feet)	265 / 324
		Weight	Approx. 32 kg (dependent on configuration)



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[Data sheet](#)

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ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

### Base Units for PRIMERGY S60

Type 1: K714-V110; -V210

### Hard Disk Drives

#### 1" Frames

HDD FC 10k 73GB hot plug 1"  
HDD FC 10k 146GB hot plug 1"

S26361-F2435-L173  
S26361-F2435-L114

745  
1.295

Remarks:

### Fibre Channel

FC MIA for S60

SNP:SY-F1897L2-P

780

Remarks:

### Rack Options

#### Classic Rack (42/23 U Rack)

RMK 10 CR sliding rails

(for details see excel column B)

SNP:SY-F1331L102-P

150

#### PrimeCenter/DataCenter/Rittal -Rack(conforming to EIA-310-D)

RMK 10 D/P/3rd P Racks sliding rails

(for details see excel column B)

S26361-F2734-L20

195

#### Adapterkit to fit an existing mounting kit for DataCenter/PrimeCenter-Rack at the customer site

Adapterkit to DC- and PC- racks

(for details see excel column B)

S26361-F2734-L14

125

Adapter angle PC/DC-Rack, till 150Kg

(for details see excel column B)

S26361-F2735-L15

35

Remarks:

### Remote View

RemoteView Service Board

S26361-F2425-L100

370

RemoteView Software 3.10

S26361-F1790-L219

50

RemoteView Software V3.0

S26361-F1790-L218

50

RemoteView external Power Supply

S26361-F2425-L300

40

Remarks:

# PRIMERGY 19" Classic Rack for PRIMERGY Server



## Upgrades, options

### Dummy panel:

- Dummy panel 1 U, 2 U, 3 U and 5 U

### Monitor and keyboard:

- Rack console RC2x, Monitor TFT incl. keyboard with integrated trackball (2 U)
- Monitor installation set (9 U) for 14" or 15" monitor
- Keyboard installation set (1 U) incl. Keyboard

### Console switch:

- Console switch 8-way (1 U)
- Console switch 4-way (1 U)

### Uninterruptible power supplies UPS:

- APC UPS with 1400 VA (2 U)
- APC UPS with 3000 VA (3 U)
- APC UPS with 5000 VA (5 U)
- Integrated in the PRIMERGY S10, 4 x 1.6" high or 2 x 3.2" high backup devices

### Sockets and cables:

- Three-phase power cable with 16A CEE-connector
- Socket strip 4 x computer/peripheral and 1 x Schuko
- max. 3 per 42 U rack, max. 1 per 23 U rack

### Modem

- External modem 56 kbps (V.90) HAYES-compatible

## Hardware-Description

Rack technology provides a compact, flexible and powerful platform for multi server configurations by offering high expandability with multiple servers in small footprint. The space-saving PRIMERGY rack technology is available in two versions: 23 units high (23U) and 42 units high (42U). This is equivalent to height of 1.20 m and 2.16 m respectively. The dimensions of the rack enclosure conform to DIN 41494 and IEC 297.

Available options in addition to the servers themselves include the PRIMERGY Subsystems, various console switches, UPSs, monitors, modems, etc. A further option specially designed for rack installation is a 2U console drawer with foldaway TFT monitor and special rack keyboard. A flexible and secure cable management system at the rear of the modules allows all the cables to be laid in a straightforward and service-friendly manner. This, in combination with the telescopic guides enables all the servers and peripheral modules to be withdrawn from the rack during operation.

[Click her - to get more information about PRIMERGY Server.](#)

[Data sheet: 19" Classic Rack](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

**PRIMERGY 19" Classic Rack**  
 Type 1: K476V101-P ,V102-P 19" Classic Rack 42 HE  
 Type 2: K476V201-P 19" Classic Rack 23 HE

## 19" Rack Accessories

Dummy Panel 1U		SNP:SY-F1609L1-P	25			
Dummy Panel 2U		SNP:SY-F1609L2-P	30			
Dummy Panel 3U		SNP:SY-F1609L3-P	40			
Dummy Panel 5U		SNP:SY-F1609L5-P	50			
RMK FSC Racks P1xx/Bxxx sliding rails		SNP:SY-F2261L11-P	190			17.12.2004
RMK FSC Racks P1xx/Bxxx telescopic rails		SNP:SY-F2261L12-A	370			17.12.2004
RMK 2 D/P/3rd P Racks telescopic rails		S26361-F2734-L30	240			
RMK FSC Racks N200 sliding rails		S26361-F2261-L81	85			17.12.2004
RMK CR-Rack P4xx/E2xx telescopic rails		SNP:SY-F2148L4-A	195			17.12.2004
RMK 1/2 CR telescopic rails		S26361-F1331-L7	243			
RMK CR-Rack N400 telescopic rails		S26361-F1331-L141	285			17.12.2004
RMK 10 CR sliding rails		SNP:SY-F1331L102-P	150			
sliding rails UPS for classic rack		SNP:SY-F1331L51-P	65			
RMK UPS D/P/3rd P Racks sliding rails		S26361-F2734-L12	130			
Add-on base plate		SNP:SY-F1609L30-P	150			
Socket strip 1x 10 plugs		S26361-F2262-L40	125			
Socket strip 3x 5 plugs		SNP:SY-F2262L30-P	155			
Socket strip exp. 3 safety plugs		SNP:SY-F1903L1-P	75			
Socket strip 1x 5 plugs		SNP:SY-F1903L2-P	125			
3-phase Powercord, 16A CEE-Connector, 7m		S26361-F1954-L1	80			

Remarks:

# PRIMERGY 19" Classic Rack for PRIMERGY Server



## Rack Consoles & Switches & Modems

Monitor mounting kit, without monitor			SNP:SY-F1609L10-P	240					
Cable T26139-Y2691-C180			T26139-Y2691-C180	25					
RC22 1U,TFT, KB DE/INT, D/P/3rd P Racks			S26361-F2844-L220	2.225					1)
RC22 1U,TFT, KB F, D/P/3rd P Racks			S26361-F2844-L221	2.225					1)
RC22 1U,TFT, KB E, D/P/3rd P Racks			S26361-F2844-L222	2.225					1)
RC22 1U,TFT, KB I, D/P/3rd P Racks			S26361-F2844-L223	2.225					1)
RC22 1U,TFT, KB UK, D/P/3rd P Racks			S26361-F2844-L224	2.225					1)
RC22 1U,TFT, KB US/INT, D/P/3rd P Racks			S26361-F2844-L225	2.225					1)
RC22 1U,TFT, KB B, D/P/3rd P Racks			S26361-F2844-L226	2.225					1)
RC22 1U,TFT, KB DK, D/P/3rd P Racks			S26361-F2844-L227	2.225					1)
RC22 adapter kit classic rack		(for details see excel column B)	S26361-F2844-L2	85					
Console switch 4x (ES4+) 1U			SNP:SY-F2293L40-P	850					
Console switch 8x (ES8+) 1U			SNP:SY-F2293L80-P	975					
Console switch KVM S2-0801, 1U			S26361-F2293-L801	1.125					
Digital 8-way KVM Switch Bundle, bulk			S26361-F2293-L100	16.485					
Console switch cable 2.5m			SNP:SY-F2293L11-P	60					
Console switch cable 3.5m			SNP:SY-F2293L12-P	90					
Console switch cable 10m			SNP:SY-F2293L13-P	160					
Console switch KVM S2-1602, 1U			S26361-F2293-L602	1.725					
Console switch KVM S2-1611, 1U			S26361-F2293-L611	3.725					
Console switch KVM S2 adapter PS/2-VGA			S26361-F2293-L201	155					
Console switch KVM S2 adapter USB-VGA			S26361-F2293-L202	155					
Console switch cable KVM-S2 CAT5 2 m			S26361-F2293-L20	20					
Console switch cable KVM-S2 CAT5 5 m			S26361-F2293-L50	25					
Console switch cable KVM-S2 CAT5 10 m			S26361-F2293-L10	35					
Modem 56kbps (V.90), external, Multitech			S26361-F1652-L4	245					

Remarks:

1) S26361-F2844-L2 has to be ordered additionally.

## UPSs

APC-UPS 1500 VA (2U, for 19" rack)			S26113-E393-L15	975					
APC-UPS 3000 VA (2U, for 19" rack)			S26113-E421-L30	1.775					
APC-UPS 5000 VA (5U, for 19" rack)			S26113-E442-L2	2.675					
APC-UPS WEB Management Adapter			S26113-F80-L10	255					
APC-UPS COM-Port extension			S26113-F81-L1	115					
APC-UPS slot expansion box			S26113-F82-L1	65					
Powersocket outlet 10xIEC320C13 for UPS			S26361-F2262-L42	125					
APC-UPS COM Cable NOVELL_NT_OS2			S26113-F231-L1	45					
APC-UPS COM Cable SCO.UnixWare			S26113-F232-L1	45					
APC-UPS COM Cable extension			S26113-F233-L1	45					

Remarks:

# PRIMERGY DataCenter Rack for PRIMERGY Server



## Upgrades, options

## Hardware-Description

### Dummy panel:

- Dummy panel 1 U, 2 U, 3 U and 5 U

### Monitor and keyboard:

- Rack console RC21, Monitor TFT incl. keyboard with integrated touchpad (2 U)  
 - Monitor installation set (9 U) 15" monitor  
 - Keyboard installation set (1 U) incl. Keyboard

### Console switch:

Console switch 8-way (1 U)  
 Console switch 4-way (1 U)

### Uninterruptible power supplies UPS:

- APC UPS with 1400 VA (2 U)  
 - APC UPS with 3000 VA (3 U)  
 - APC UPS with 5000 VA (5 U)  
 - Integrated in the PRIMERGY S10,  
 4 x 1.6" high or 2 x 3.2" high backup devices

### Sockets and cables:

- Three-phase power cable with 16A CEE-connector  
 - Socket strip, 3 x 4 computer/peripheral and 3 x 1 Schuko

### Modem

- External modem 56 kbps (V.90) HAYES-compatible

Because of the growing number of various Rack Servers based multi server configurations up to server farms, 19" rack technology becomes more and more important. The space saving rack technology is available in 24, 38 and 46 units high (U) plus 6 respectively 2 U in case of the 24 U rack, for support parts.

The dimensions of the rack enclosure conform to DIN 41494 and IEC 297.

The DataCenter Rack cabinet provides an improved cable management, an optimized ventilation for Servers.

[Data sheet: DataCenter Rack, 46U](#)

[Data sheet: DataCenter Rack, 38U](#)

[Data sheet: DataCenter Rack, 24U](#)

(Click here for download)

ERRP = European Reference Retail Price, EDRP = European Dealer Reference Price

Description	Detailed description	Order No.	ERRP	Directions for use yes/no	Prospective Last Order	Remarks
			Euro			

## PRIMERGY DataCenter Rack

Type 1: K614V105-P DataCenter Rack 24U  
 Type 2: K614V101-P, V102-P DataCenter Rack 38U  
 Type 3: K614V103-P, V104-P DataCenter Rack 46U

## 19" Rack Accessories

Dummy Panel 1U		SNP:SY-F1609L1-P	25			
Dummy Panel 2U		SNP:SY-F1609L2-P	30			
Dummy Panel 3U		SNP:SY-F1609L3-P	40			
Dummy Panel 5U		SNP:SY-F1609L5-P	50			
Adapter angle PC/DC-Rack, till 50Kg		S26361-F2735-L10	25			
Adapter angle PC/DC-Rack, till 150Kg		S26361-F2735-L15	35			
Adapterkit to DC- and PC- racks		S26361-F2734-L14	125			
RMK FSC Racks P1xx/Bxxx sliding rails		SNP:SY-F2261L11-P	190			17.12.2004
RMK FSC Racks P1xx/Bxxx telescopic rails		SNP:SY-F2261L12-A	370			17.12.2004
*Mounting kit 19" PC/DC-Rack P4xx/E2xx"		SNP:SY-F2261L21-P	290			17.12.2004
RMK 2 D/P/3rd P Racks telescopic rails		S26361-F2734-L30	240			
RMK FSC Racks N200 sliding rails		S26361-F2261-L81	85			17.12.2004
RMK D/P/3rd P Racks N400 telescopic rail		SNP:SY-F2261L41-P	370			17.12.2004
RMK D/P/3rd P Racks N800 telescopic rail		SNP:SY-F2261L6-P	370			17.12.2004
RMK D/P/3rd P Racks P870/K400 telescopic		SNP:SY-F2261L51-P	415			17.12.2004
RMK D/P/3rd P Racks S40 telescopic rails		SNP:SY-F2261L7-P	370			17.12.2004
RMK 10 D/P/3rd P Racks sliding rails		S26361-F2734-L20	195			
Cable magmt. for 19" DC- PC- Rack		SNP:SY-F2262L20-P	75			
RMK UPS D/P/3rd P Racks sliding rails		S26361-F2734-L12	130			
Add-on base plate		SNP:SY-F1609L30-P	150			
Socket strip 1x 10 plugs		S26361-F2262-L40	125			
Socket strip 3x 5 plugs		SNP:SY-F2262L30-P	155			
Socket strip exp. 3 safety plugs		SNP:SY-F1903L1-P	75			
Socket strip 1x 5 plugs		SNP:SY-F1903L2-P	125			
3-phase Powercord, 16A CEE-Connector, 7m		S26361-F1954-L1	80			

Remarks:

# PRIMERGY DataCenter Rack for PRIMERGY Server



Rack Consoles & Switches & Modems									
Monitor mounting kit, without monitor				SNP:SY-F1609L10-P	240				
Cable T26139-Y2691-C180				T26139-Y2691-C180	25				
RC22 1U,TFT, KB DE/INT, D/P/3rd P Racks				S26361-F2844-L220	2.225				
RC22 1U,TFT, KB F, D/P/3rd P Racks				S26361-F2844-L221	2.225				
RC22 1U,TFT, KB E, D/P/3rd P Racks				S26361-F2844-L222	2.225				
RC22 1U,TFT, KB I, D/P/3rd P Racks				S26361-F2844-L223	2.225				
RC22 1U,TFT, KB UK, D/P/3rd P Racks				S26361-F2844-L224	2.225				
RC22 1U,TFT, KB US/INT, D/P/3rd P Racks				S26361-F2844-L225	2.225				
RC22 1U,TFT, KB B, D/P/3rd P Racks				S26361-F2844-L226	2.225				
RC22 1U,TFT, KB DK, D/P/3rd P Racks				S26361-F2844-L227	2.225				
Console switch 4x (ES4+) 1U				SNP:SY-F2293L40-P	850				
Console switch 8x (ES8+) 1U				SNP:SY-F2293L80-P	975				
Console switch KVM S2-0801, 1U				S26361-F2293-L801	1.125				
Digital 8-way KVM Switch Bundle, bulk				S26361-F2293-L100	16.485				
Console switch cable 2.5m				SNP:SY-F2293L11-P	60				
Console switch cable 3.5m				SNP:SY-F2293L12-P	90				
Console switch cable 10m				SNP:SY-F2293L13-P	160				
Console switch KVM S2-1602, 1U				S26361-F2293-L602	1.725				
Console switch KVM S2-1611, 1U				S26361-F2293-L611	3.725				
Console switch KVM S2 adapter PS/2-VGA				S26361-F2293-L201	155				
Console switch KVM S2 adapter USB-VGA				S26361-F2293-L202	155				
Console switch cable KVM-S2 CAT5 2 m				S26361-F2293-L20	20				
Console switch cable KVM-S2 CAT5 5 m				S26361-F2293-L50	25				
Console switch cable KVM-S2 CAT5 10 m				S26361-F2293-L10	35				
Modem 56kbps (V.90), external, Multitech				S26361-F1652-L4	245				
Remarks:									
UPSs									
APC-UPS 1500 VA (2U, for 19" rack)				S26113-E393-L15	975				
APC-UPS 3000 VA (2U, for 19" rack)				S26113-E421-L30	1.775				
APC-UPS 5000 VA (5U, for 19" rack)				S26113-E442-L2	2.675				
APC-UPS WEB Management Adapter				S26113-F80-L10	255				
APC-UPS COM-Port extension				S26113-F81-L1	115				
APC-UPS slot expansion box				S26113-F82-L1	65				
Powersocket outlet 10xIEC320C13 for UPS				S26361-F2262-L42	125				
APC-UPS COM Cable NOVELL_NT_OS2				S26113-F231-L1	45				
APC-UPS COM Cable SCO,UnixWare				S26113-F232-L1	45				
APC-UPS COM Cable extension				S26113-F233-L1	45				
Remarks:									