

PRIMERGY RX900 S2

System configurator and order-information guide

August 2014

Contents

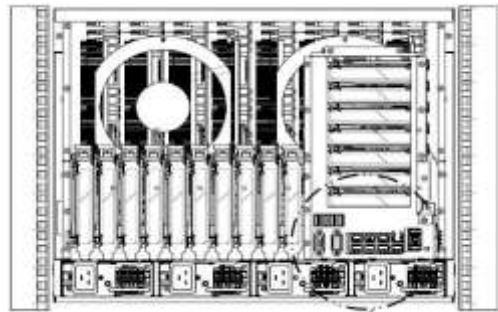
Instructions

Configuration diagram

Configurator

- 0 System software
- I Basic unit
- II Processor
- III Memory
- IV USB devices / optical devices
- V Hard disk drives
- VI Internal SAS RAID Controller
- VII External SCSI / SAS controller
- VIII Fibre Channel controller
- IX Communication / Network / CNA / InfiniBand
- X iRMC S2 advanced pack / TPM
- XII Optional PSU / Power Cord

Change report



PRIMERGY Server

Instructions

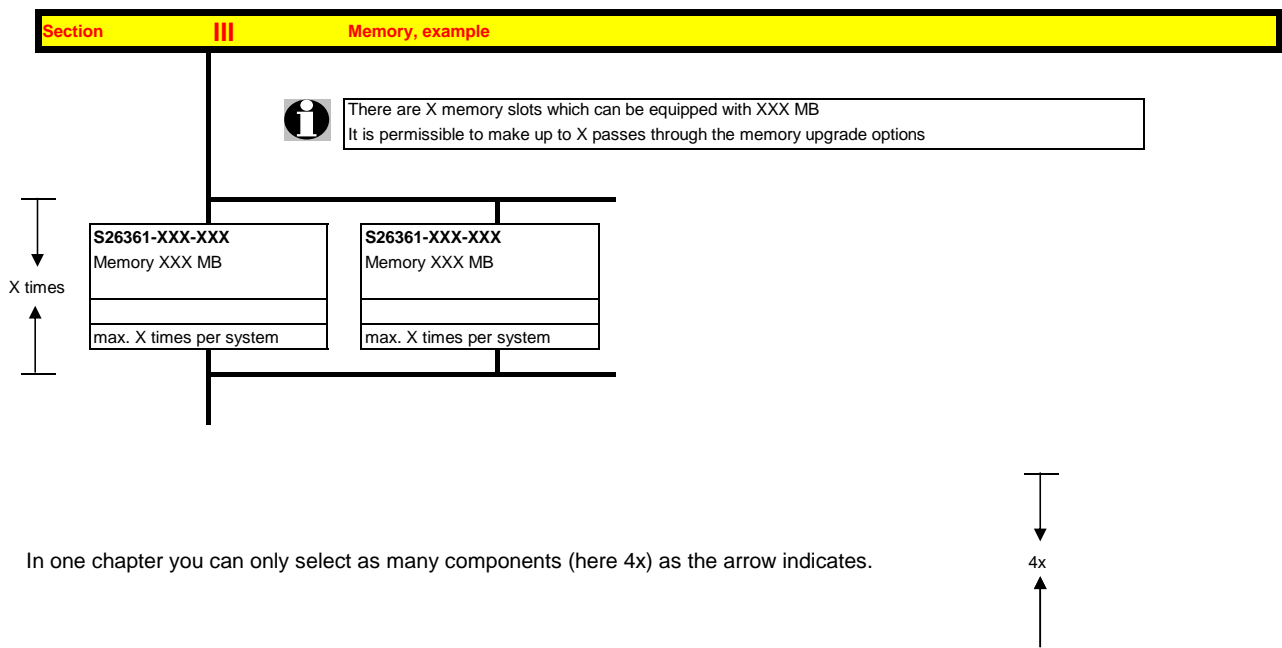
This document contains basic product and configuration information that will enable you to configure your system via PC-/System-Architect

Only these tools will ensure a fast and proper configuration of your PRIMERGY server or your complete PRIMERGY Rack system.

You can configure your individual PRIMERGY server in order to adjust your specific requirements.

The System configurator is divided into several chapters that are identical to the current price list and PC-/System-Architect.

Please follow the lines. If there is a junction, you can choose which way or component you would like to take. Go through the configurator by following the lines from the top to the bottom.



In one chapter you can only select as many components (here 4x) as the arrow indicates.

Please note that there are information symbols which indicate necessary information.



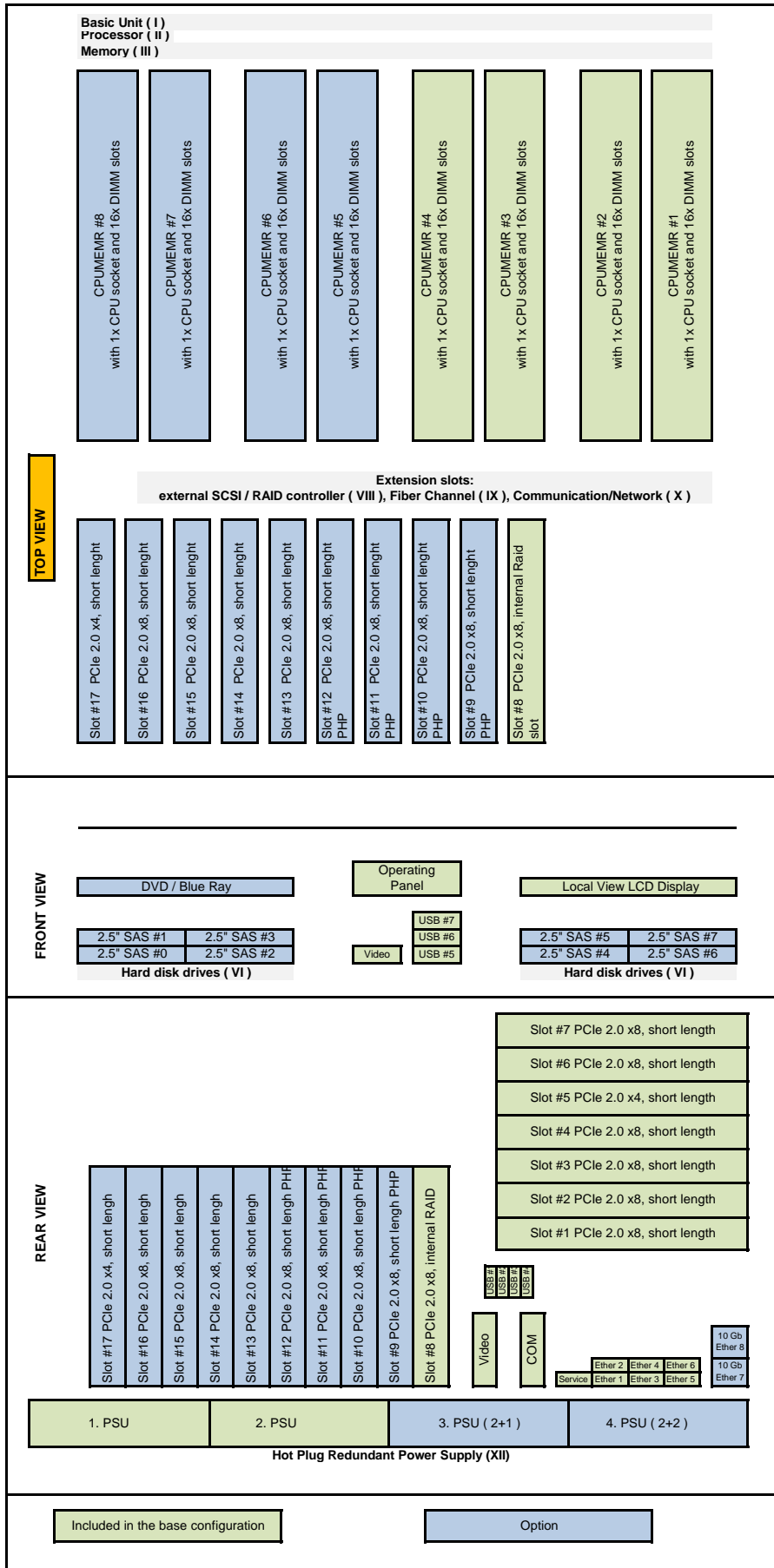
Further information in the internet see:

http://ts.fujitsu.com/products/standard_servers/index.html (internet)

https://partners.ts.fujitsu.com/com/order-supply/configurators/primergy_config/current/P (extranet)

Prices and availability see price list and PC-/System-Architect.
 Subject to change and errors excepted.

Configuration diagram PRIMERGY RX900 S2



Start "PRIMERGY RX900 S2"

Section O SW Configurator 64 bit (EM64T / IA64)

with OEM-Software for PRIMERGY Server

without OEM-Software for PRIMERGY Server

i For all SW products please refer to the corresponding software configurator accessible via the Extranet under "Configuration & Tools, -All configurations, -Software, URL see below.

OEM- SW is bound to HW and is not allowed to be ordered separately.
 Exceptions: VMware SW, Citrix XenServer

VMware-Software
 - VirtualCenter Management Server for any server released for Windows Server 2003
 - Virtual Infrastructure 3 for PRIMERGY > except all mono PRIMERGY systems
 - ESX2 for PRIMERGY RX/TX300S2, RX/TX600S3, BX620S2, BX630 Dual/Quad, BX630 8-way

Microsoft Hyper-V Server and System Center
 - Microsoft System Center Virtual Machine Manager Workgroup Edition for any server released for Windows Server 2008 R2
 - Microsoft System Center Essentials Management Suite for any server released for Windows Server 2008 SP2
 - Microsoft Hyper-V Server 2008 R2

Microsoft - Windows Server 2008 R2 Server Licenses
 - Windows Server 2008 R2 Datacenter
 - Windows Server 2008 R2 Enterprise
 -

only EM64T	Linux - Software *) **)
	# Open Enterprise Server ***) - SuSE Linux ES (OEM): LO - Red Hat EL (OEM): LO

Microsoft - Windows Server 2008 Server Licenses
 - Windows Server 2008 Datacenter
 - Windows Server 2008 Enterprise
 -

PRIMECLUSTER *)
 - Clustering
 - Load Balancing

only EM64T	MultiPath, Duplex Data Manager (DDM)
	Windows, Linux (W-DDM)

i Details eg. version numbers are published on the page referred to

only EM64T	Manageability Software: V**)
	- iRMC advanced Pack
	- RemoteView Software
	- RemoteView Service Board
	- RemoteView Diagnosis
- RemoteDeploy	

i *) Pay attention to the PRIMECLUSTER release and ordering information in the Extranet under <https://partners.ts.fujitsu.com/com/products/software/cluster%20technology/primecluster/Pages/default.aspx>

i **) Pay attention to release and order information in PRINCE -> Operating System <https://partners.ts.fujitsu.com/com/products/servers/primergy/Pages/default.aspx>

i ***) Supply over distribution or procurement from FSC VP BC Software

You'll find single software configurators and release lists (OS-matrix / system management / security) under following addresses:

Continue with PRIMERGY HW configurator

for internal users: <http://sp.ts.fujitsu.com/dmsp/docs/osrel.xlsx>
 for partners: <https://partners.ts.fujitsu.com/com/products/servers/primergy/Pages/default.aspx>

Start PRIMERGY RX900 S2

Section | Basic unit

PRIMERGY RX900 S2

Rack unit 8U with

- 2 hot-plug power supplies (additional PSU as option)
- 4 CPUMemory Boards (CPUMEMR) (up to 4 additional boards optional)
- LCD-Display for LocalView (Service Display)
- 8 bays for 2.5" SAS/SATA HDD's
- Power cord for rackmounting (ICE 320 C14->C19 plug)
- no Rack- mounting kit included

Base Unit **S26361-K1403-V800**

Baseboard with

- Intel E7-8800 chipset with serial QPI links (Quick Path Interconnect)
- 16 PCI-Express Slots
 - 2x PCIe 2.0 x4 (half length)
 - 14x PCIe 2.0 x8 (half length)
- 8x socket for CPUMEMR
- SATA controller on-board (for ODD)
- iRMC S2 (Integrated Remote Management Controller)
 - with graphics controller and 10/100Mbit Service LAN-port
- 6x 1Gbit LAN Ports on-board (WOL-capable)
- 2x 10Gbit LAN Ports on-board
- SAS RAID controller as option
- ServerView Suite Software package
 - incl. ServerStart, ServerBooks, Management Software and Updates

Interfaces:

Front side

- 3x USB 2.0
- 1x VGA (15 pin)

Rear Side

- 2x USB 2.0
- 1x VGA (15 pin)
- 1x RS-232-C (serial, 9 pin)
- 6x onboardLAN RJ45, 2x onboardLAN SFP+, 1x ServiceLAN RJ45

Internal

- 1x internal USB Interfaces for backup device
- 1x internal port for UFM (uSSD) Module (Embedded vSphere ESXi 4.0)
- no PS/2 connection for KB / Mouse (USB must be used instead)

S26361-F2735-E111

No Rackmount-Kit option
 Only for loose deliveries
 No mounting in Racks possible
 max. 1x per system

S26361-F2735-E109

RMK RX900 telescopic rails

consisting of
 - 1 pair of telescopic rails with screws and washers

1x per system

S26361-F4530-E13

Bracket 3U in asymmetrical racks
 max. 1x per system

S26361-F4530-E10

Mounting of RMK in symmetrical racks
 (no support brackets needed)
 max. 1x per system

S26361-F2735-E17

Cable management for RX900

- for asym. PRIMECENTER racks
- not for 3rd party

max. 4x per system

S26361-F2201-E20

2U cable arm behind systems

- for symmetrical PCR M1
- or for 3rd party racks

max. 3x per system

S26361-F2735-L109

RMK RX900 for Server Drop-in telescopic rails
 for loose delivery

S26361-F2735-L7

Lateral cable management for RX900 mounted in asymmetrical racks
 for loose delivery

S26361-F2201-L20

2U cable arm mounted behind systems in symmetrical PCR M1 or 3rd party racks
 for loose delivery

S26361-F2735-L31

Support Bracket 3 HU for mounting in asymmetrical racks
 1x per system

PRIMECENTER S2 or M1 Racks

SNP:SY-F1647E301-P

Installation ex works for one server or subsystem.
 Hereby the rack will be delivered completely pre-mounted and all wired connections are tested.

With racks 12U, 24U, 38U:
 Systems and components will be delivered installed in the rack

With racks 46U:
 Systems and components will be delivered separately

To be ordered only together with a PRIMERGY PRIMECENTER rack e.g.:

S26361-K826-V10x
refer configurator PC-Rack
 max. 1x per System

"Rack-mounting ex factory"

This service is to be ordered once per installable server/storage subsystem, in order to get the server/storage subsystem mounted into the PRIMERGY racks. In case of the 46 U PRIMERGY Rack, this service has to be ordered, to get the mounting kits and the cables installed.

A

A

Section II Processor



4 CPU Memory Riser (CPUMEMR) and 4 CPU's must be configured as minimum, as maximum 8 are possible. Later upgrading to a 6 or 8 processor system is also possible, but requires possibly adding of PSU modules. Extension CPUs must be identical to the already installed CPU's.



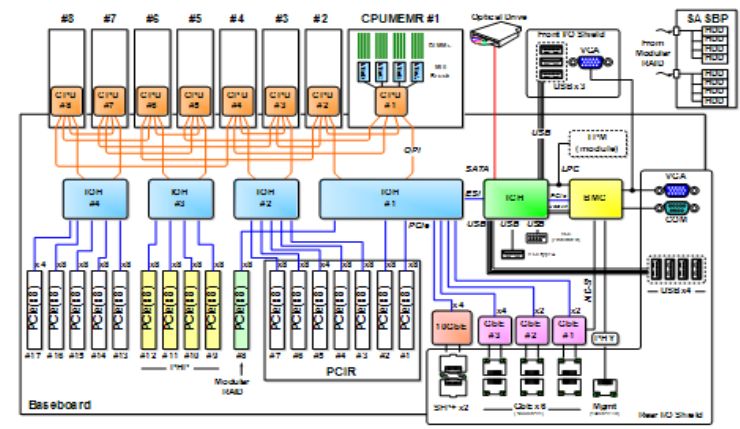
4 CPU Memory Riser (CPUMEMR) are part of the Base Unit **S26361-K1403-V800**
S26361-D3145-A100
CPUMEMR - CPU Memory Riser Board
A minimum of 4 CPUMEMR must be configured
 - 1x CPU Socket for Intel Xeon processor E7-8800 series
 incl. passive heat sink
 - 16 Memory DIMM Slots for DDR3 DIMM
 - 4x SMI on each CPUMEMR
 Max 8 CPUMEMR per System

4x

Following CPU's can be configured max. 8x per system
 A minimum of 4 CPU's must be configured

Xeon E7-8870 10C/20T 2.40GHz 30MB 6.4GT/s (130W)	S26361-F4471-E887
Xeon E7-8860 10C/20T 2.26GHz 24MB 6.4GT/s (130W)	S26361-F4471-E886
Xeon E7-8850 10C/20T 2.00GHz 24MB 6.4GT/s (130W)	S26361-F4471-E885
Xeon E7-8830 8C/16T 2.13GHz 24MB 6.4GT/s (105W)	S26361-F4471-E883
Xeon E7-8837 8C/8T 2.67GHz 24MB 6.4GT/s (130W)	S26361-F4471-E837

Block Diagram



B

B

Section III Memory

Memory configuration modes

Interleaving Mode

In RX900 S2 Memory Interleaving Mode is default and set by BIOS.

Hemisphere Mode

RX900 S2 supports Hemisphere Mode from 5 - 8 CPU configuration default and set by BIOS up to 4 CPU configuration support non Hemisphere Mode only.

Spare Mode

Spare mode is not supported in RX900 S2

Mirroring mode

To use Mirroring Mode you have to order the Mirroring Mode option - **S26361-F4472-E3**

In mirroring mode, all data are copied within the main memory.

Therefore only 50 % of the total memory is available for the operating system.

Two types of mirroring modes are available:

Intrsocket Mirroring - Memory Mirroring within CPUMEMR
 Memory will be mirrored from one memory controller to the other memory controller within the same CPU.
 Intrsocket Mirroring is possible for all CPU up to 4 CPUs.
 When enabling Memory Mirroring in case of 4 socket configuration, same DIMMs must be populated between DDR channel (ABCD) and (EFGH). Memory Mirroring is configured within CPUMEMR.

This means same size of DIMMs must be populated as below

- DIMM# (1B, 1D, 1F, 1H) should be same size of DIMMs.
- DIMM# (1A, 1C, 1E, 1G) should be same size of DIMMs.
- DIMM# (2B, 2D, 2F, 2H) should be same size of DIMMs.
- DIMM# (2A, 2C, 2E, 2G) should be same size of DIMMs.

Intersocket Mirroring - Memory Mirroring between CPUMEMR

Memory will be mirrored from one memory controller to an memory controller on another CPU.

Intersocket mirroring is only possible with 6 or 8 CPUs.

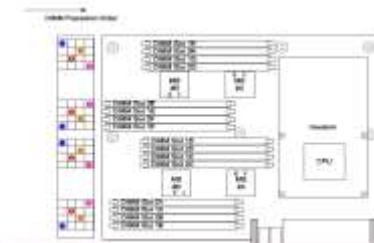
When enabling Memory Mirroring in case of 6 or 8 socket configuration, all four DIMMs must be same size within CPUMEMR.

- DIMM# (1B, 1D, 1F, 1H) should be same size of DIMMs.
- DIMM# (1A, 1C, 1E, 1G) should be same size of DIMMs.
- DIMM# (2B, 2D, 2F, 2H) should be same size of DIMMs.
- DIMM# (2A, 2C, 2E, 2G) should be same size of DIMMs.

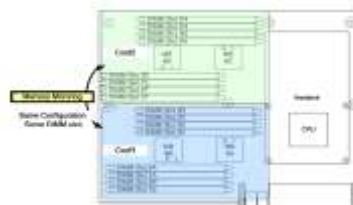
In addition to this, same configuration must be kept between CPUMEMR (1,2), (3,4), (5,6), (7,8) because Memory mirroring will be configured between CPUMEMRs.

Memory DIMM population Order

Population Order	DIMM position (1 to 8H)
1	1B + 1D + 1F + 1H
2	1A + 1C + 1E + 1G
3	2B + 2D + 2F + 2H
4	2A + 2C + 2E + 2G



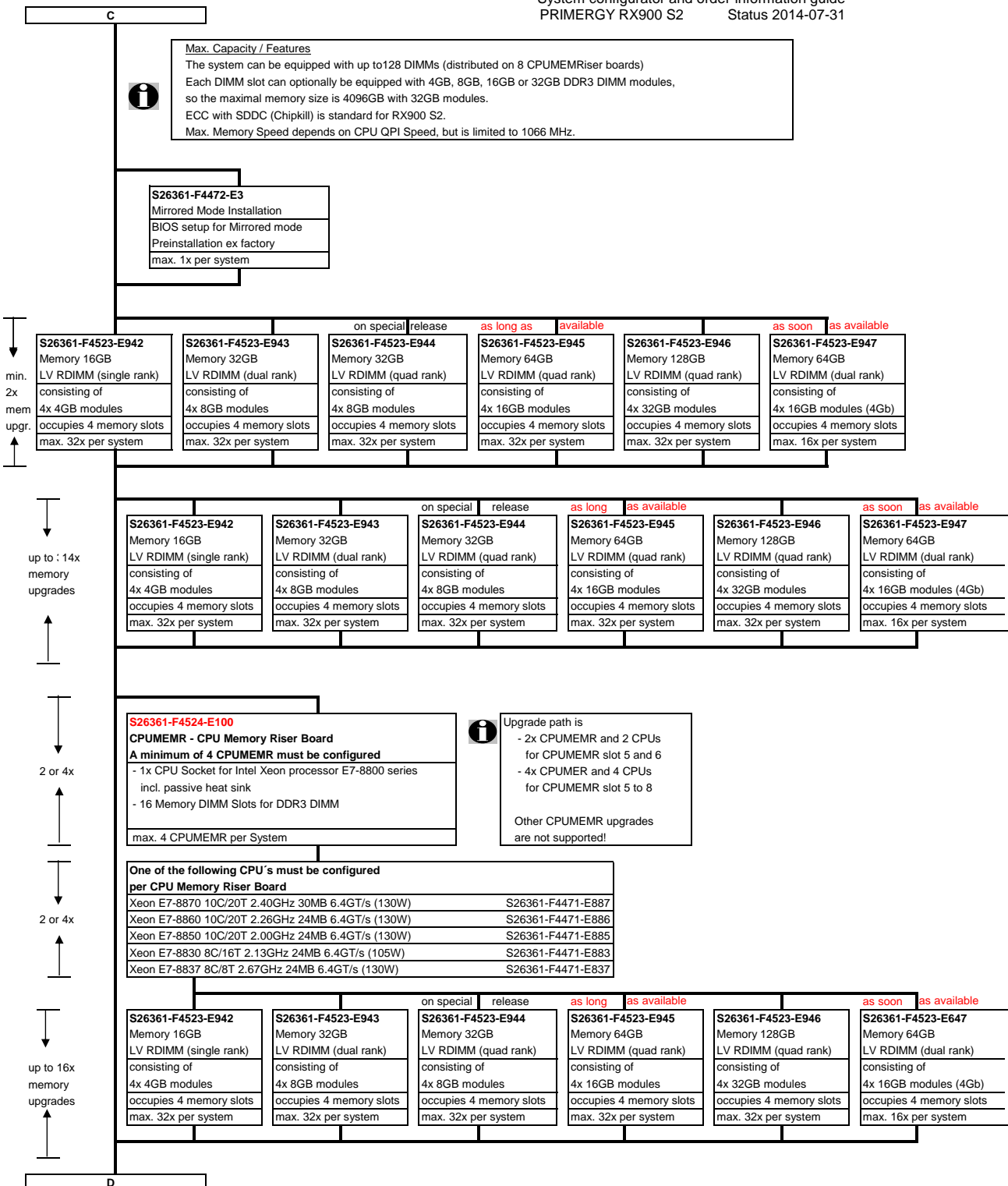
Memory Mirror for up to 4-S (Intra-Socket Mirroring)



Memory Mirror for 6-S and 8-S (Inter-Socket Mirroring)



C



D

Section IV USB devices / optical devices



Setup RX900 S2 by SV Installation Manager is supported with following configurations:
built in CD/DVD or USB CD/DVD, no Floppy disk drive:
 UNC Network share reachable



DVD Dummy - C26361-K644-C640-*-Y155
 built in DVD slot if no DVD/Blue Ray
 is requested

1x

<p>S26361-F3531-E2 Blu-ray Combo slim SATA 6x BD-ROM, 16x DVD, 40x CD BD DL and all CD/DVD formats 0.5 x 5.25", black bezel max. 1x per system</p>	<p>S26361-F3269-E2 DVD-RW supermulti slim SATA all formats, DUAL/DL, DVD-RAM only W2K, W3K and Linux 0.5 x 5.25", black bezel max. 1x per system</p>	<p>S26361-F3641-E2 Blu-ray Triple Writer slim SATA 6x BD-RW, 8x DVD, 24x CD BD DL and all CD/DVD formats 0.5 x 5.25" max. 1x per system</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

E

E

Section V Hard disk drives

max. 8x

HDD SAS 6Gb/s 2.5" with hot plug/hot replace tray	
300GB 10000rpm,<4,5ms, 16MB Cache	S26361-F4482-E130
450GB 10000rpm,<4,5ms, 16MB Cache	S26361-F4482-E145
600GB 10000rpm,<4,5ms, 16MB Cache	S26361-F4482-E160
900GB 10000rpm,<4,5ms, 32MB Cache	S26361-F4482-E190
1,2TB 10000rpm,<4,5ms, 64MB Cache	S26361-F5247-E112
146GB 15krpm,<4,5ms, 32MB Cache	S26361-F4482-E514
300GB 15krpm,<4,5ms, 32MB Cache	S26361-F4482-E530
500GB 7.2krpm,<9,5ms, 64MB Cache	S26361-F5228-E500
1TB 7.2krpm,<9,5ms, 64MB Cache	S26361-F5228-E100
max. 8x per system	

i configuration of SAS-HDDs requires SAS RAID controller

as soon as available

Solid State Disk, Mainstream Endurance*

max. 8x

SSD SAS 6Gb/s MLC 2.5" with hot plug/hot replace tray	
100GB, Enterprise Performance	S26361-F4581-E100
200GB, Enterprise Performance	S26361-F4581-E200
400GB, Enterprise Performance	S26361-F4581-E400
SSD SAS 12Gb/s 2.5" with hot plug/hot replace tray	
200GB, Enterprise Performance	S26361-F5297-E200
400GB, Enterprise Performance	S26361-F5297-E400
800GB, Enterprise Performance	S26361-F5297-E800
1.6TB, Enterprise Performance	S26361-F5297-E160
max. 8x per system	

as long as stock
 as long as stock
 as long as stock

as soon as available

Interface SAS12Gb/s and SAS 6Gb/s.
 SAS 12Gb/s support is not released

*) SSD Mainstream Endurance
 10DWPD over 5y

SSD SAS 2.5" SLC

as long as stock

as long as stock

S26361-F4541-E100
SSD SAS 100GB, SLC
Solid State Disk
SAS 6Gb/s
Enterprise Performance
hot plug/hot replace tray
max. 8x per system

S26361-F4541-E400
SSD SAS 400GB, SLC
Solid State Disk
SAS 6Gb/s
Enterprise Performance
hot plug/hot replace tray
max. 8x per system

Section VI PCIe-SSD

max. 4x

S26361-F4522-E781	S26361-F4522-E121
PCIe-SSD 785GB MLC	PCIe-SSD 1.2TB MLC
ioDrive2 785GB	ioDrive2 1.2TB
PCIe 2.0	PCIe 2.0
25nm Lithography	25nm Lithography
PCIe x4, Low Profile	PCIe x4, Low Profile
max. 4x per system	max. 4x per system

i loose delivery: S26361-F4522-L781/L121

F

F

Section VI internal SAS RAID 0/1 and RAID5 Controller for HDD's

1x ↓ ↑	S26361-F3554-E512 RAID Ctrl SAS 6G 8port internal Based on chip LSI SAS2108 LSI MegaRAID
	512MB Cache with ECC RAID 0, 1, 10, 5, 50, 6, 60 optional BBU
	Support for 3Gb/s and 6Gb/s SATA and SAS hard drives
	PCIe x4 Low-profile MD2 form factor max. 1x per system



Modular RAID controller must be ordered, if at least one internal HDD is configured!

S26361-F3257-E270 Cache Battery Backup Unit with 70cm cable set max. 2x per system



BBU max. 2x per system possible
 for loose delivery please order
S26361-F3257-L210

G

G

Section VII external SAS controller



The number of max. I/O PCIe controllers highly depends on the number of CPUMEMR!
 The following Table describes the max. number of PCIe controller slots

CPUMEMR	PCIe slots	PCIe slots (PHP)
4	7	0
6	7	4
8	12	4

The shown max. number of each controller is valid, as far as the number of PCIe slots are available also.

I

A. SAS controller for external backup drives

max. 3x

S26361-F3271-E2
SAS Controller 3Gb/s 8 port
LSI SAS3442E-R
PCIe x4,
int: 4 port
ext: 4 port
max. 3x per system



The 3Gb/s SAS Controller is basically for SX10 S2 due to the fact that SX10 S2 supports 3Gb/s only. We have to withdraw the controller because it can't run under UEFI BIOS. We will release the controller with UEFI support soon. Same controller but new order number!

B. SAS controller for external backup drives

max. 3x

S26361-F3628-E1
SAS Controller 6Gb/s 8 port
LSI SAS9200-8e
PCIe
ext: 8 port
max. 3x per system

C. SAS RAID controller for JBOD subsystems

max. 2x

S26361-F3593-E1
8 port SAS RAID Controller
LSI
MegaRAID SAS9280-8e 6Gb/s
512MB Cache with ECC
RAID 0, 1, 10, 5, 50, 6 & 60
without iBBU
SAS 6Gb/sec
8 port external
PCIe x4, 167mm
full height bracket
max. 2x per system



The RAID controller can be used only for the connection of external subsystems (FibreCAT SX40, Eternus JX40)
 Cables for the connection from the RAID Controllers to the subsystem see configurator FibreCAT SX40
 The usage of the internal SAS ports is not supported!

S26361-F3257-E270
Cache Battery Backup Unit
with 70cm cable set
max. 2x per system



BBU max. 2x per system possible for loose delivery please order **S26361-F3257-L210**

as soon as available

S26361-F3713-E3
RAID Ctrl SAS 6G 8port external
LSI MegaRAID SAS 9285-8e
1GB Cache with ECC
RAID 0, 1, 5, 6, 10, 50 & 60
without FBUB
SAS 6Gb/sec
8 port external
PCIe 3.0 x8, MD2 form factor
full height bracket
max. 2x per system

2x

S26361-F3669-E170
Flash Backup Unit
with 70cm cable set
max. 1x per Contr., 2x per system



S26361-F3669-L110
 Flash Backup Unit
 with 25cm, 55cm, 70cm cable set
 max. 1x per Contr., 2x per system

as soon as available

S26361-F3669-E661
RAID Advanced Software Options
License Activation Key
for CacheCade 2.0 and FastPath
for 1 Controller



as soon as available
S26361-F3669-L661
 RAID Advanced Software Options
 License Activation Key
 for CacheCade 2.0 and FastPath
 for 1 Controller

H

H

Section VIII Fibre Channel

The number of max. I/O PCIe controllers highly depends on the number of CPUMEMR!
 The following Table describes the max. number of PCIe controller slots

CPUMEMR	PCIe slots	PCIe slots (PHP)
4	7	0
6	7	4
8	12	4

The shown max. number of each controller is valid, as far as the number of PCIe slots are available also.

8x

S26361-F3961-E1
 8GBit/s FC Controller
 Emulex
 LPe1250, full height bracket
 1 channel 8GBit/sec FC Controller
 LC Interface for 50µm Fiber
 PCIe x4, 170mm
 max. 8x per system

S26361-F3961-E2
 8GBit/s FC Controller
 Emulex
 LPe12002, full height bracket
 2 channel 8GBit/sec FC Controller
 LC Interface for 50µm Fiber
 PCIe x4, 170mm
 max. 8x per system

The LPe12* supports Boot from FC

loose delivery:
 Single channel S26361-F3961-L1
 Dual Channel S26361-F3961-L2
 with mounted LP bracket
 FH bracket is not included

8x

S26361-F4994-E1
 16GBit/s FC Controller
 Emulex
 LPe16000, low profile bracket
 1 channel 16GBit/sec FC Contr.
 LC Interface for 50µm Fiber
 PCIe x8, 170mm
 max. 8x per system

S26361-F4994-E2
 16GBit/s FC Controller
 Emulex
 LPe16002, low profile bracket
 2 channel 16GBit/sec FC Contr.
 LC Interface for 50µm Fiber
 PCIe x8, 170mm
 max. 8x per system

The LPe16* supports Boot from FC

loose delivery:
 Single channel S26361-F4994-L501
 Dual Channel S26361-F4994-L502
 contains LP and FH brackets.

8x

S26361-F3631-E1
 8GBit/s FC Controller
 Qlogic
 QLE2560, full height bracket
 1 channel 8GBit/sec FC Controller
 LC Interface for 50µm Fiber
 PCIe x4, 170mm
 max. 8x per system

S26361-F3631-E2
 8GBit/s FC Controller
 Qlogic
 QLE2562, full height bracket
 2 channel 8GBit/sec FC Controller
 LC Interface for 50µm Fiber
 PCIe x4, 170mm
 max. 8x per system

The QLE256x do not support Boot via FC

loose delivery:
 Single channel S26361-F3631-L1
 Dual Channel S26361-F3631-L2
 with mounted LP bracket
 FH bracket is not included

All controllers for the connection of external storage systems are delivered without cables.
 For the configuration of external cabling see the configurator for external storage systems.

For Fibre Channel SAN also other components like switches, SFPs and optical wires are orderable (for details see price list)

I

Section IX Communication / Network / CNA / Infiniband



The number of max. I/O PCIe controllers highly depends on the number of CPUMEMR!
The following Table describes the max. number of PCIe controller slots

CPUMEMR	PCIe slots	PCIe slots (PHP)
4	7	0
6	7	4
8	12	4

The shown max. number of each controller is valid, as far as the number of PCIe slots are available also.

on-board LAN Controller
3x Dual Gbit Ethernet Contr. on-board
Intel 82576 NS (Kawela wo/IPsec)
ext: 6x RJ45 connector, Cat 5



Teaming: Failover, Load Balancing
The Intel LAN Controllers Pro 1000MT, 1000MF, 1000PT, 1000PF can be used with the on-board controller in Teaming Mode
Two onboard LAN ports can likewise educate a team.

1x Dual 10Gbit Ethernet Contr. on-board
Intel 82599 (Niantic wo/IPsec)
ext: 2x SFP+ connector



Onboard Ethernet Controller
The onboard controller are configured in the Basic Unit already.

S26361-F3986-E3
SFP+ Module MMF 10GbE LC
SFP+ module for 10 Gbit Ethernet FO cabling
ext: LC-connector
max. 2x per adapter



The SFP+ Module is also available as loose delivery
S26361-F3986-L3
Instead SFP+ modules, SFP+ twinax cables from switch vendors may be used

2x

v-TWIX Connector-PY
for all Twinax (FJ, BR, CI)
max. 2x per controller

S26361-F3989-E600 *)	S26361-F3873-E900 *)	S26361-F4571-E500 *)
SFP+ active twinax cable	SFP+ active twinax cable	SFP+ passive twinax cable
customized twinax cable for full rack setup ex factory	customized twinax cable for full rack setup ex factory	customized twinax cable for full rack setup ex factory
cable length is selected by requirement in the factory	cable length is selected by requirement in the factory	cable length is selected by requirement in the factory
Fujitsu branded cable	Brocade branded cable	Cisco branded cable
max. 2x per controller	max. 2x per controller	max. 2x per controller



*) in SA only shown in cabling view



separate orderable 10Gb Ethernet cables

S26361-F3989-L102	SFP+ aktives Twinax Kabel Fujitsu 2m
S26361-F3989-L105	SFP+ aktives Twinax Kabel Fujitsu 5m
S26361-F3989-L110	SFP+ aktives Twinax Kabel Fujitsu 10m
S26361-F3873-L501	SFP+ aktives Twinax Kabel Brocade 1m
S26361-F3873-L503	SFP+ aktives Twinax Kabel Brocade 3m
S26361-F3873-L505	SFP+ aktives Twinax Kabel Brocade 5m
S26361-F4571-L101	SFP+ passives Twinax Kabel Cisco 1m
S26361-F4571-L103	SFP+ passives Twinax Kabel Cisco 3m
S26361-F4571-L105	SFP+ passives Twinax Kabel Cisco 5m
S26361-F4571-L107	SFP+ aktives Twinax Kabel Cisco 7m
S26361-F4571-L110	SFP+ aktives Twinax Kabel Cisco 10m

8x

1Gbit/s Ethernet Adapter

S26361-F4610-E2
(I350-T2)
Gigabit Ethernet Controller Dual 1000TX
PLAN CP 2x1Gbit Cu Intel I350-T2
Intel Powerville based 2 port Server Ad.
PCIe x4, Low Profile
full height (FH) bracket
ext: for RJ45-plug, Cat 5
max. 8x per system

S26361-F4610-E4
(I350-T4)
Gigabit Ethernet Controller Quad 1000TX
PLAN CP 4x1Gbit Cu Intel I350-T4
Intel Powerville based 4 port Server Ad.
PCIe x4, Low Profile
full height (FH) bracket
ext: for RJ45-plug, Cat 5
max. 8x per system

S26361-F3740-E1
(D3035)
Gigabit Ethernet Controller Dual 1000TX
Eth Ctrl 2x1Gbit Cu PCIe x4 D3035
Intel Powerville based 2 port Server Ad.
PCIe x4, Low Profile
full height (FH) bracket
ext: for RJ45-plug, Cat 5
max. 8x per system

S26361-F3739-E1
(D3045)
Gigabit Ethernet Controller Quad 1000TX
Eth Ctrl 4x1Gbit Cu PCIe x4 D3045
Intel Powerville based 4 port Server Ad.
PCIe x4, Low Profile
full height (FH) bracket
ext: for RJ45-plug, Cat 5
max. 8x per system

S26361-F3242-E1
(Sheepshead Bay)
Gigabit Ethernet Contr. 1000SX
Eth Ctrl 1x1Gbit PCI-e Pro/1000PF LC
Intel PRO/1000 PF Server Adapter
PCIe x4
ext: LC-connector
max. 8x per system

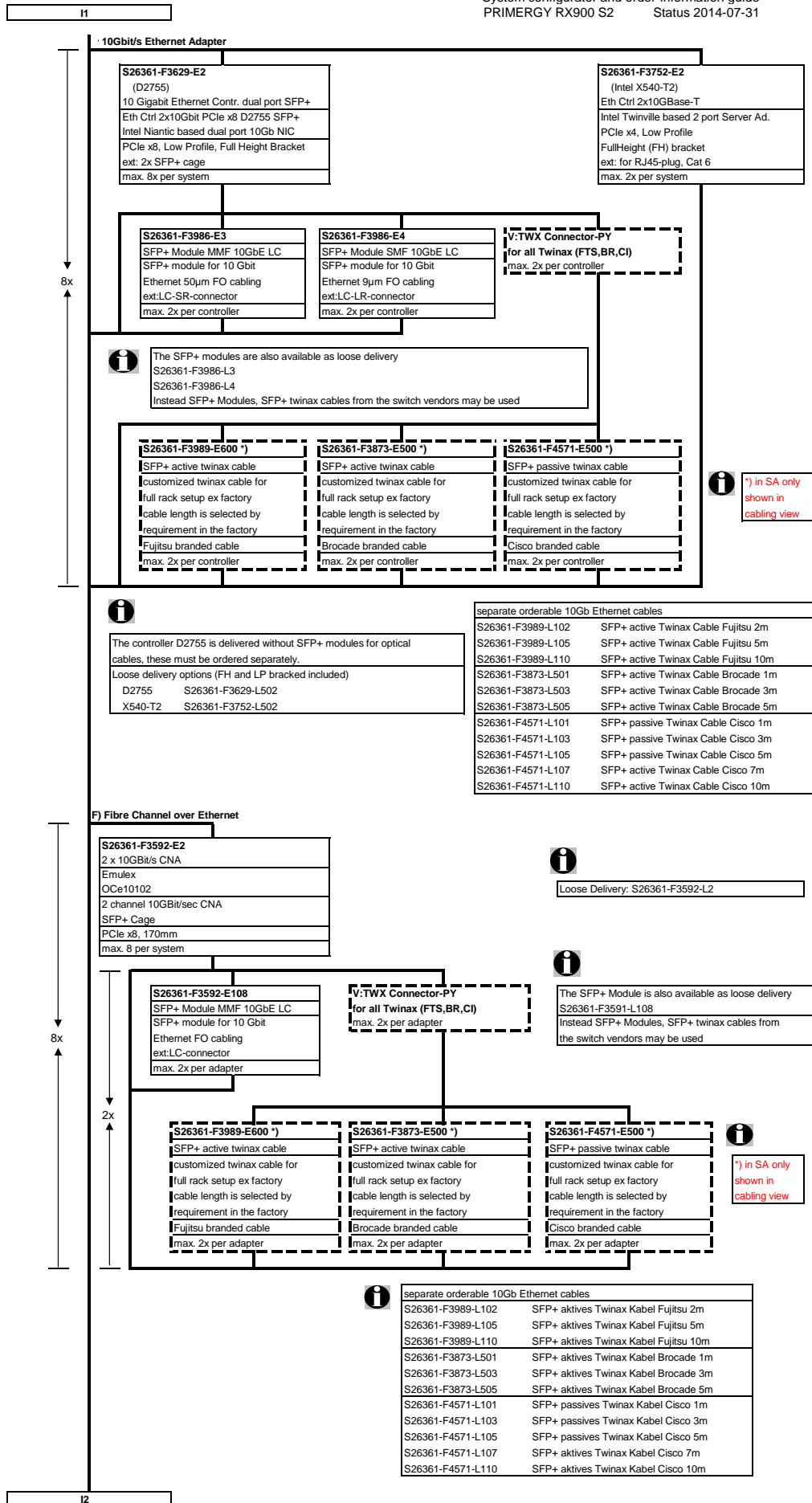


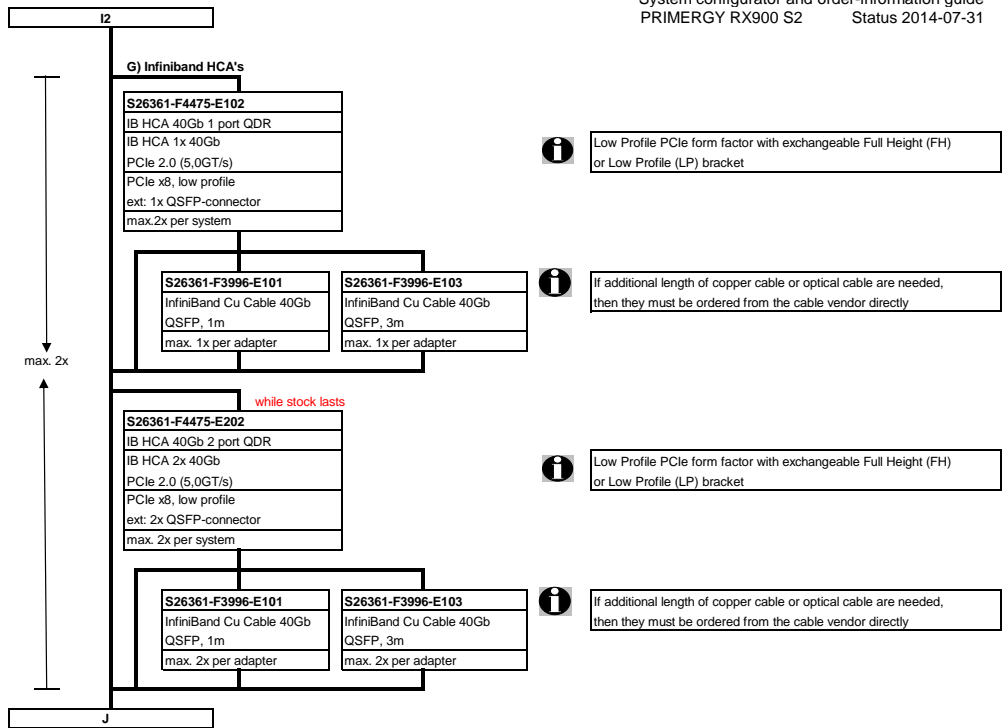
Loose delivery with FH and LP bracket:

I350-T2	S26361-F4610-L502
I350-T4	S26361-F4610-L504
D3035	S26361-F3740-L501
D3045	S26361-F3739-L501

Loose delivery with LP bracket:

Sheepshead Bay	S26361-F3242-L1
----------------	-----------------





K

Section XI System Management Products (RemoteView)

S26361-F1790-E241
iRMC S2 advanced pack
 integrated remote management controller
 activation key for
 graphical console redirection
 and remote media redirection
 max. 1x per system

S26361-F3552-E1
 TPM Module
 Trusted Platform Module on Motherboard
 Use according to import restrictions
 max. 1x per system

i Be aware of import restrictions!
 Loose delivery for later
 integration possible for customer.

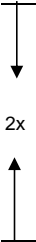
S26361-F3552-L1
 TPM Module add-on kit
 for later integration (loose delivery)
 Trusted Platform Module on Motherboard
 Use according to import restrictions
 max. 1x per system

Section XII Optional PSU / power cords / region Kits

i Base system will be shipped with two PSUs and power cords ICE320 C14->C19
 for rack installation. Country specific power cords are not required.

i In addition to the base configuration with two power supplies units (1+1 redundancy)
 max. two addition PSU's can be installed.

 Configurations with more than 4 CPUMEMR require
 1 additional PSU for PSU redundancy (2+1 redundancy).or
 2 additional PSU for phase redundancy (2+2 redundancy)



S26113-F608-E10
 3./4. power supply module
 2000W, hot plug
 for 2+1 redundancy
 for 2+2 redundancy
 incl. 1x power cord ICE320 C14->C19 (2,5m)
 max. 4x per system

i For later upgrade the following kit is available:
S26113-F608-L10
 3./4. power supply module
 2000W, hot plug
 for 2+1 redundancy
 for 2+2 redundancy
 incl. 1x power cord ICE320 C14->C19 (2,5m)
 max. 2x per system

S26361-F1452-E100
 REGION KIT APAC/EMEA/India
 For Shipments to Asia pacific,
 EMEA or India regions
 1x per system

S26361-F1452-E110
 REGION KIT JP
 For Shipments to Japan regions
 1x per system

S26361-F1452-E130
 REGION KIT America
 For Shipments to America
 1x per system

End PRIMERGY RX900 S2

