

PRIMERGY RX2540 M1

System configurator and order-information guide

October 2014

Contents



Available in November 2014

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Configurator

Available in February 2015

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Change report

PRIMERGY Server

Instructions

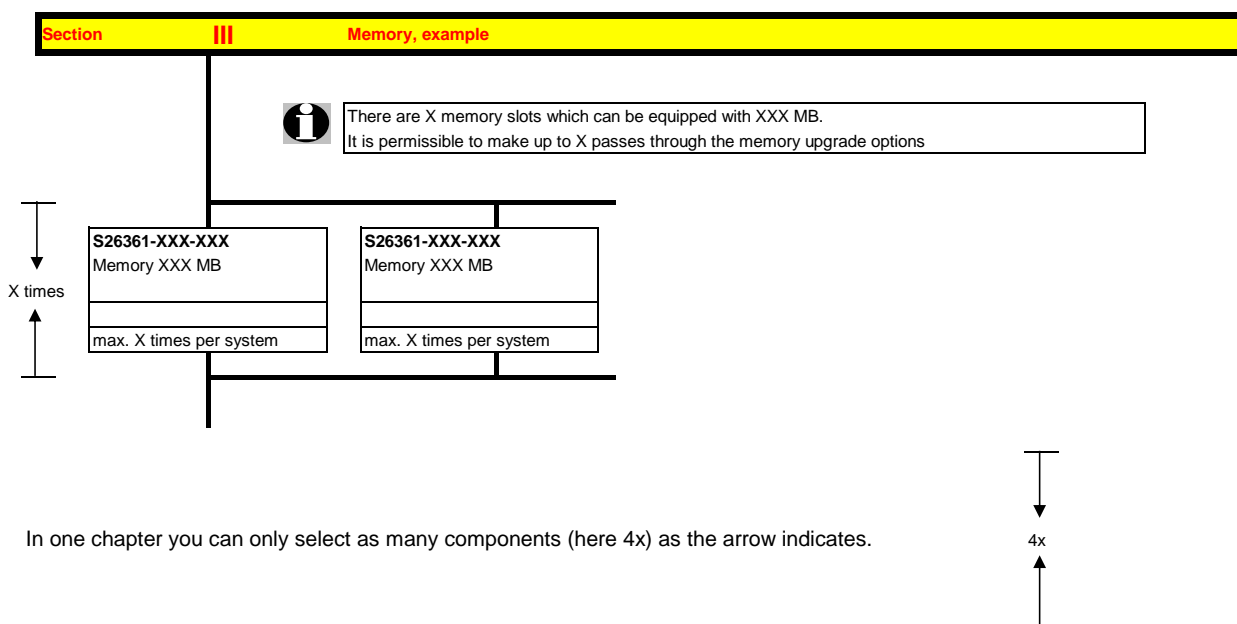
This document contains basic product and configuration information that will enable you to configure your system via PC-/System-Architect.

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-/SystemArchitect.

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.



For further information see:

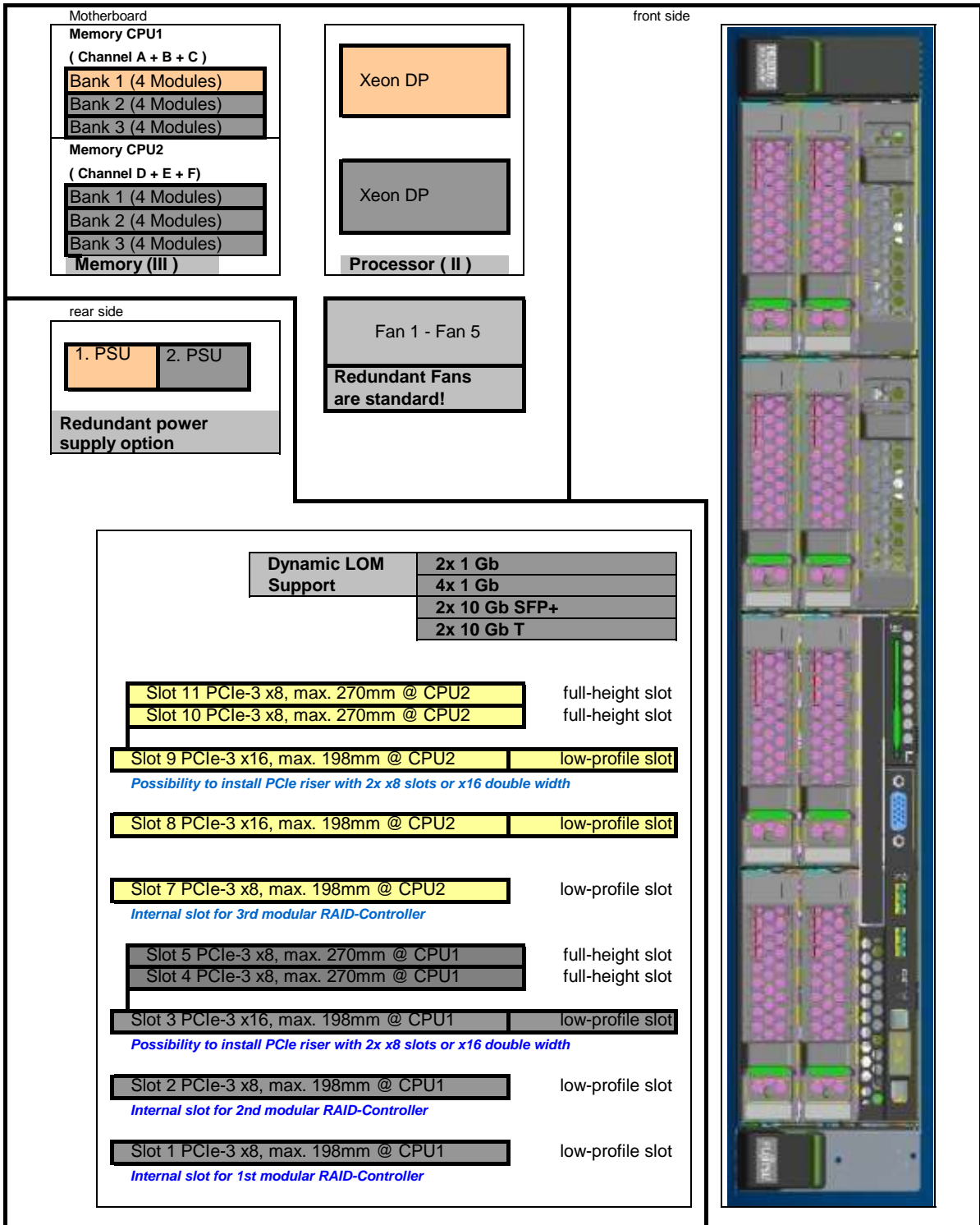
http://ts.fujitsu.com/products/standard_servers/inc (internet)

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

Configuration diagram PRIMERGY RX2540 M1 LFF

System unit (I)

with up to 4x, 8x or 12x 3.5" Hard disk drives



Key:

Included in basic unit

Option

One CPU, one memory per CPU and one PSU has to be selected for an orderable basic unit.

Section | Basic unit



System unit consisting of:

- * 2U Housing without power supply modules
- * Basic units with:
 - 2 Hot-Plug Power Supply Bays
 - 5 Fans (full redundancy)
 - 12 memory DIMMs per CPU (max 768GB) => Total 24 DIMMs (max 1536GB) for two CPU's
as soon as available: max 3072GB per system with two CPU's
- * SAS Backplanes for 4x, 8x or 12x 3.5" HD LFF or for 8, 16 or 24x 2.5" HD SFF or PCIe SFF backplanes (Feb. 2015)
with cable connection to on-board, modular RAID Controller or PCIe Switch
- * Drives/Bays
 - 4, 8 or 12 bays 1" for hot plug 3.5" HD (1" high) or 8, 16 or 24 bays for hot plug 2.5" HD (Feb. 2015)
 - 1 bay SATA-DVD-RW 0,4" height (option, not for basic unit with 12x 3.5" HD and with 24 x 2,5" HD)
 - 1 bay for 5.25" and 1.6" high Backup device, not possible for basic units with 3.5" HD
and for basic unit with 24 x 2,5" HD
- * Integrated ServerView Diagnostics Technology (Diagnosis LED's) for indication of internal failed components

Systemboard D3289 with:

- * Up to two Xeon DP CPU's (Socket-R3)
with 2 serial QPI links (Quick Path Interconnect) and four memory channels per CPU
First CPU has to be selected for an orderable basic unit,
- * Chipset Intel® C610 Series (codenamed Wellsburg)
- * 6 PCI slots low profile:
 - 3x PCIe-3 x16 (2 slots are connected to CPU 2 and are useable with configured 2nd CPU only!)
 - 2x PCIe-3 x8 (notched to install x16 cards, 1 slot is connected to CPU 2)
 - 1x PCIe-3 x8 (may be used for modular RAID controller)

8 PCI slots are possible with PCIe riser card options (4x full height, please see Section VII, Nov. 2014)
- * 24 memory slots (each CPU 12 slots) DDR4 are available
 - Memory is divided into 12 DIMMs per CPU (4 channels with 3 slots per channel)
 - First Memory (one module) has to be selected for an orderable basic unit per CPU
- * Dynamic LOM
Quad Port 1Gb/10Gb Emulex Controller XE104 (Skyhawk) on motherboard
up to Quad Port 1Gb or
Dual Port 10Gb NIC plus full CNA functionality with iSCSI-, FCoE- RDMA and UMC support
connectors (external interfaces) are added by different variants of DynamicLoM interface modules
The Service LAN-port can be switched alternatively to a standard LAN (port 1)
- * iRMC S4 (integrated Remote Management Controller) on-board server management controller with
dedicated 10/100/1000 Service LAN-port and integrated graphics controller.
- * Graphics Controller integrated in iRMC S4 (integrated Remote Management Controller):
1600x1200x16bpp 60Hz, 1280x1024x16bpp 60Hz, 1024x768x32bpp 75Hz, 800x600x32bpp 85Hz,
640x480x32bpp 85Hz
(1280x1024x24bpp 60Hz only possible if local monitor or remote video redirection is off)

Interfaces at the rear:

- * 1x RS-232-C (serial, 9 pins) (usable for BMC or OS or shared)
- * 1x VGA (15 pins)
- * 2x USB 3.0 (UHCI) with 5 GBit/s, no USB wakeup
- * 2x USB 2.0 (UHCI) with 480MBit/s, no USB wakeup
- * 2x or 4x LAN 1Gb RJ45 or 2x LAN 10 Gb SFP+ or RJ45, 1x Service-LAN RJ45

Interfaces on the front:

- * 2x USB 3.0 (UHCI) with 5 GBit/s, no USB wakeup (only 1x USB 2.0 for basic unit with 12x 3.5" HD and with 24 x 2,5" HD)
- * 1x VGA (15 pins) as an option (not for basic unit with 12x 3.5" HD and with 24 x 2,5" HD)

Interfaces internal:

- * 1 port for UFM Module
- * 1 port for backup device USB3.0 (USB 3.0 Type A Connector)
- * 1x SATA 3Gbit interface for ODD
- * 1x SATA 3Gbit for DOM
- * 8x SATA 3Gbit interface for 8 SATA HD (first release for 4 SATA HD only!)

Software:

- * ServerView Suite Software package incl. ServerStart, ServerBooks, Management Software and Updates
- * Documentation engl. (multilingual on CD)

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Cables included in basic unit

Connections	Cable	PRIMERGY RX2540 M1	
1. SATA ODD			○ SATA
2. SAS cables to HDDs			⊗ SAS
3. 1x cable for SAS signaling			⊗ SAS

Note: Rack Mounting kit and Power Cord for RX2540 M1 is not included in the basic unit and has to be configured separately

Rack version for 19" racks with No PSU included in Base Unit	
Basic unit is without CPU and Memory For an orderable basic unit one CPU = first CPU and one memory = first memory has to be selected	
Basic unit with 3.5" HDD bays expandable	S26361-K1495-V101
12x 3.5" HDD bays	S26361-K1495-V112
Available in November 2014	
Basic unit with 2.5" HDD bays expandable	S26361-K1495-V401
24x 2.5" HDD bays	S26361-K1495-V424
Available in February 2015	



as soon as available		as soon as available	
S26113-F575-E13 450W PSU module platinum 1st or 2nd PSU for redundancy 94% efficiency (platinum)	S26113-F574-E13 800W PSU module platinum 1st or 2nd PSU for redundancy 94% efficiency (platinum)	S26113-F616-E10 1200W PSU module platinum 1st or 2nd PSU for redundancy 94% efficiency (platinum) 110V range: 1000W	S26113-F615-E10 800W PSU module titanium 1st or 2nd PSU for redundancy 96% efficiency (titanium) 110V range not supported
uses hot plug PSU slot min. 1 / max. 2x per system	uses hot plug PSU slot min. 1 / max. 2x per system	uses hot plug PSU slot min. 1 / max. 2x per system	uses hot plug PSU slot min. 1 / max. 2x per system

S26113-F574-E99 * Power Supply Dummy must be ordered if 1x PSU only occupies one bay for hot plug power supply max. 1x per system

For later redundancy upgrade the following kit is available:	
One 450W power supply module hot plug no power cable included!!!	S26113-F575-L13
One 800W power supply module hot plug no power cable included!!!	S26113-F574-L13
One 1200W power supply module hot plug no power cable included!!!	S26113-F616-L10
One 800W power supply module titanium no power cable included!!!	S26113-F615-L10



***For order completeness only**
Not shown in system architect
Version > V9.2

Please order appropriate power cord additionally: Powercord for rack, 4m, grey, IEC320 C13->C14 connector Power Cord USA / Canada, 1.8m, grey	T26139-Y1968-L10 T26139-Y1742-L10
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S26361-F3552-E6 TPM Module Trusted Platform Module on Motherboard Use according to import restrictions max. 1x per system
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S26361-F3552-L6 TPM Module add-on kit for later integration (loose delivery) Trusted Platform Module on Motherboard Use according to import restrictions max. 1x per system

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

B

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PRIMECENTER Rack

S26361-F2735-E145
RMK-F1_DI_CMA_QRL best choice for PrimeCenter racks consisting of
vario carrier 714-785mm telescopic drop-in rails 781mm with quick release lever support with full extraction with CMA adapter
1x per system

S26361-F2735-E175
Rack Mount Kit F1-C S7 LV best choice for 3rd party racks consisting of
vario carrier 559-914mm telescopic drop-in rails 781mm with quick release lever support with full extraction with CMA adapter
1x per system

S26361-F2735-E111
No Rackmount-Kit option Only for loose deliveries No mounting in racks possible max. 1x per system



Further information for rack mounting is available within the Corporate Partner Portal

All "L" no's for loose delivery

S26361-F2735-L10
 Adapter angle PC/DC-Rack, till 50Kg
 necessary for mounting RMKs in asymmetrical PC racks

S26361-F2735-L145
 RMK-F1_DI_CMA_QRL
 best choice for PrimeCenter racks with CMA adapter

S26361-F2735-L175
 RMK-F1_DI_CMA_QRL_LV
 best choice for 3rd party racks with CMA adapter

S26361-F2735-L176
 RMK-F1_DI_QRL_LV
 best choice for 3rd party racks w/o CMA adapter

S26361-F2735-L7
 Lateral cable management (optionally)
 can only be mounted in asymmetrical PRIMECENTER S2 or new M1 racks in 1U above RMK

S26361-F2735-L82
 Rack Cable Management Arm CMA 2U
 for 2U Server in racks.

S26361-F2201-L20
 Cable arm 2U PCR M1 S and 3rd p.-racks
 for L176, has to be mounted above RMK

S26361-F4530-E11
Bracket 1U in asymmetrical racks

S26361-F4530-E10
Mounting of RMK in symmetrical racks (no support brackets needed)

S26361-F2735-E71
Lateral cable management for 2U servers or higher
- for asymmetrical racks PRIMECENTER S2 or M1 - 1 bracket PC Rack asym.
1x per system

S26361-F2735-E82
Rack Cable Management Arm CMA 2U for 2U Server in racks
- for symmetrical racks M1 or 3rd party racks Fujitsu racks
1x per system

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 PCR M1 16U, 24U, 42U:
 Systems and components will be delivered installed in the rack

To be ordered only together with a PRIMECENTER rack
 PCR S2 e.g. S26361-K826-V10x
 new PCR M1 e.g. S26361-K827-Vxxx
refer PCR S2 or M1 rack configurator
 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 racks.
 In case of not-installed server and subsystems this service has to be ordered, to get the mounting kits and the cables installed.

PRIMERGY Classic 19" rack is not supported

C

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Section Processor

There are 2 processor sockets available.
 The first socket must always be equipped with the first CPU which can be selected via configurator
Two processors with different clock frequencies are not possible

Max. two CPU's can be selected per basic unit
 One of following CPU's can be selected once (only as first CPU) for an orderable basic unit
Optional second CPU has to be the same type like the first CPU

Xeon E5-2600v3 (R) Basic		
- 1x 64-bit Intel Xeon (15MB Smart Cache) 1600 MHz DDR4 Bus; 6.4 GT/s QPI Bus occupies socket for one CPU		
Xeon E5-2603v3 6C/6T 1.60GHz 15MB 6.4GT/s 1600MHz 85W		S26361-F3849-E103
Xeon E5-2609v3 6C/6T 1.90GHz 15MB 6.4GT/s 1600MHz 85W		S26361-F3849-E109
Xeon E5-2600v3 (R) Standard		
- 1x 64-bit Intel Xeon (15/20MB Smart Cache); Hyper-Threading (HT); 1866 MHz DDR4 Bus; 8.0 GT/s QPI Bus occupies socket for one CPU		
Xeon E5-2620v3 6C/12T 2.40GHz 15MB 8.0GT/s 1866MHz 85W		S26361-F3849-E120
Xeon E5-2630v3 8C/16T 2.40GHz 20MB 8.0GT/s 1866MHz 85W		S26361-F3849-E130
Xeon E5-2640v3 8C/16T 2.60GHz 20MB 8.0GT/s 1866MHz 90W		S26361-F3849-E140
Xeon E5-2600v3 (R) Advanced		
- 1x 64-bit Intel Xeon (25/30MB Smart Cache); Hyper-Threading (HT); 2133 MHz DDR4 Bus; 9.6 GT/s QPI Bus occupies socket for one CPU		
Xeon E5-2650v3 10C/20T 2.30GHz 25MB 9.6GT/s 2133MHz 105W		S26361-F3849-E150
Xeon E5-2600v3 (R) Frequency Optimized		
- 1x 64-bit Intel Xeon (10-20MB Smart Cache); Hyper-Threading (HT); 1866 & 2133 MHz DDR4 Bus; 8.0 & 9.6 GT/s QPI Bus occupies socket for one CPU		
Xeon E5-2623v3 4C/8T 3.00GHz 10MB 8.0GT/s 1866MHz 105W		S26361-F3849-E123



Max. DDR4 Bus Speed depends on:
 - max. DDR4 Bus Speed from the CPU and
 - max. DDR4 Memory Speed and
 - max. memory modules on one memory channel



Loose CPU components are available under the following order code: S26361-F3849-L4xx *
 *xx depends on the CPU type



Below CPU SKU's have to be ordered twice!
 Single CPU configuration is only possible on Special Release Request.

Max. two CPU's can be selected per basic unit
 One of following CPU's has to be selected as first CPU for an orderable basic unit
Second CPU has to be the same type like the first CPU (not optional!)

Xeon E5-2600v3 (R) Advanced		
- 1x 64-bit Intel Xeon (25/30MB Smart Cache); Hyper-Threading (HT); 2133 MHz DDR4 Bus; 9.6 GT/s QPI Bus occupies socket for one CPU		
Xeon E5-2660v3 10C/20T 2.60GHz 25MB 9.6GT/s 2133MHz 105W		S26361-F3849-E160
Xeon E5-2670v3 12C/24T 2.30GHz 30MB 9.6GT/s 2133MHz 120W		S26361-F3849-E170
Xeon E5-2680v3 12C/24T 2.50GHz 30MB 9.6GT/s 2133MHz 120W		S26361-F3849-E180
Xeon E5-2690v3 12C/24T 2.60GHz 30MB 9.6GT/s 2133MHz 135W		S26361-F3849-E190
Xeon E5-2600v3 (R) Frequency Optimized		
- 1x 64-bit Intel Xeon (10-20MB Smart Cache); Hyper-Threading (HT); 1866 & 2133 MHz DDR4 Bus; 8.0 & 9.6 GT/s QPI Bus occupies socket for one CPU		
Xeon E5-2637v3 4C/8T 3.50GHz 15MB 9.6GT/s 2133MHz 135W		S26361-F3849-E137
Xeon E5-2643v3 6C/12T 3.40GHz 20MB 9.6GT/s 2133MHz 135W		S26361-F3849-E143
Xeon E5-2667v3 8C/16T 3.20GHz 20MB 9.6GT/s 2133MHz 135W		S26361-F3849-E167
Xeon E5-2600v3 (R) High Core Count		
- 1x 64-bit Intel Xeon (35-40MB Smart Cache); Hyper-Threading (HT); 2133 MHz DDR4 Bus; 9.6 GT/s QPI Bus occupies socket for one CPU		
Xeon E5-2683v3 14C/28T 2.00GHz 35MB 9.6GT/s 2133MHz 120W		S26361-F3849-E183
Xeon E5-2695v3 14C/28T 2.30GHz 35MB 9.6GT/s 2133MHz 120W		S26361-F3849-E195
Xeon E5-2697v3 14C/28T 2.60GHz 35MB 9.6GT/s 2133MHz 145W		S26361-F3849-E197
Xeon E5-2698v3 16C/32T 2.30GHz 40MB 9.6GT/s 2133MHz 135W		S26361-F3849-E198
Xeon E5-2699v3 18C/36T 2.30GHz 45MB 9.6GT/s 2133MHz 145W		S26361-F3849-E199
Xeon E5-2600v3 (R) Low Power		
- 1x 64-bit Intel Xeon (20/30MB Smart Cache); Hyper-Threading (HT); 1866/2133 MHz DDR4 Bus; 8.0/9.6 GT/s QPI Bus occupies socket for one CPU		
Xeon E5-2630Lv3 8C/16T 1.80GHz 20MB 8.0GT/s 1866MHz 55W		S26361-F3849-E131
Xeon E5-2650Lv3 12C/24T 1.80GHz 30MB 9.6GT/s 2133MHz 65W		S26361-F3849-E151

S26361-F3849-E100
 Cooling Kit 2nd CPU

C1

C2

C1

C2

One of following CPU's has to be selected as second CPU	
Optional second CPU has to be the same type like the first CPU	
Xeon E5-2600v3 (R) Basic	
- 1x 64-bit Intel Xeon (15MB Smart Cache) 1600 MHz DDR4 Bus; 6.4 GT/s QPI Bus occupies socket for one CPU	
Xeon E5-2603v3 6C/6T 1.60GHz 15MB 6.4GT/s 1600MHz 85W	S26361-F3849-E103
Xeon E5-2609v3 6C/6T 1.90GHz 15MB 6.4GT/s 1600MHz 85W	S26361-F3849-E109
Xeon E5-2600v3 (R) Standard	
- 1x 64-bit Intel Xeon (15/20MB Smart Cache); Hyper-Threading (HT); 1866 MHz DDR4 Bus; 8.0 GT/s QPI Bus occupies socket for one CPU	
Xeon E5-2620v3 6C/12T 2.40GHz 15MB 8.0GT/s 1866MHz 85W	S26361-F3849-E120
Xeon E5-2630v3 8C/16T 2.40GHz 20MB 8.0GT/s 1866MHz 85W	S26361-F3849-E130
Xeon E5-2640v3 8C/16T 2.60GHz 20MB 8.0GT/s 1866MHz 90W	S26361-F3849-E140
Xeon E5-2600v3 (R) Advanced	
- 1x 64-bit Intel Xeon (25/30MB Smart Cache); Hyper-Threading (HT); 2133 MHz DDR4 Bus; 9.6 GT/s QPI Bus occupies socket for one CPU	
Xeon E5-2650v3 10C/20T 2.30GHz 25MB 9.6GT/s 2133MHz 105W	S26361-F3849-E150
Xeon E5-2660v3 10C/20T 2.60GHz 25MB 9.6GT/s 2133MHz 105W	S26361-F3849-E160
Xeon E5-2670v3 12C/24T 2.30GHz 30MB 9.6GT/s 2133MHz 120W	S26361-F3849-E170
Xeon E5-2680v3 12C/24T 2.50GHz 30MB 9.6GT/s 2133MHz 120W	S26361-F3849-E180
Xeon E5-2690v3 12C/24T 2.60GHz 30MB 9.6GT/s 2133MHz 135W	S26361-F3849-E190
Xeon E5-2600v3 (R) Frequency Optimized	
- 1x 64-bit Intel Xeon (10-20MB Smart Cache); Hyper-Threading (HT); 1866 & 2133 MHz DDR4 Bus; 8.0 & 9.6 GT/s QPI Bus occupies socket for one CPU	
Xeon E5-2623v3 4C/8T 3.00GHz 10MB 8.0GT/s 1866MHz 105W	S26361-F3849-E123
Xeon E5-2637v3 4C/8T 3.50GHz 15MB 9.6GT/s 2133MHz 135W	S26361-F3849-E137
Xeon E5-2643v3 6C/12T 3.40GHz 20MB 9.6GT/s 2133MHz 135W	S26361-F3849-E143
Xeon E5-2667v3 8C/16T 3.20GHz 20MB 9.6GT/s 2133MHz 135W	S26361-F3849-E167
Xeon E5-2600v3 (R) High Core Count	
- 1x 64-bit Intel Xeon (35-40MB Smart Cache); Hyper-Threading (HT); 2133 MHz DDR4 Bus; 9.6 GT/s QPI Bus occupies socket for one CPU	
Xeon E5-2683v3 14C/28T 2.00GHz 35MB 9.6GT/s 2133MHz 120W	S26361-F3849-E183
Xeon E5-2695v3 14C/28T 2.30GHz 35MB 9.6GT/s 2133MHz 120W	S26361-F3849-E195
Xeon E5-2697v3 14C/28T 2.60GHz 35MB 9.6GT/s 2133MHz 145W	S26361-F3849-E197
Xeon E5-2698v3 16C/32T 2.30GHz 40MB 9.6GT/s 2133MHz 135W	S26361-F3849-E198
Xeon E5-2699v3 18C/36T 2.30GHz 45MB 9.6GT/s 2133MHz 145W	S26361-F3849-E199
Xeon E5-2600v3 (R) Low Power	
- 1x 64-bit Intel Xeon (20/30MB Smart Cache); Hyper-Threading (HT); 1866/2133 MHz DDR4 Bus; 8.0/9.6 GT/s QPI Bus occupies socket for one CPU	
Xeon E5-2630Lv3 8C/16T 1.80GHz 20MB 8.0GT/s 1866MHz 55W	S26361-F3849-E131
Xeon E5-2650Lv3 12C/24T 1.80GHz 30MB 9.6GT/s 2133MHz 65W	S26361-F3849-E151



Separate orderable CPU upgrade kits

S26361-F3849-L403	Xeon E5-2603v3 6C/6T 1.60GHz 15MB 6.4GT/s 1600MHz 85W
S26361-F3849-L409	Xeon E5-2609v3 6C/6T 1.90GHz 15MB 6.4GT/s 1600MHz 85W
S26361-F3849-L420	Xeon E5-2620v3 6C/12T 2.40GHz 15MB 8.0GT/s 1866MHz 85W
S26361-F3849-L430	Xeon E5-2630v3 8C/16T 2.40GHz 20MB 8.0GT/s 1866MHz 85W
S26361-F3849-L440	Xeon E5-2640v3 8C/16T 2.60GHz 20MB 8.0GT/s 1866MHz 90W
S26361-F3849-L450	Xeon E5-2650v3 10C/20T 2.30GHz 25MB 9.6GT/s 2133MHz 105W
S26361-F3849-L423	Xeon E5-2623v3 4C/8T 3.00GHz 10MB 8.0GT/s 1866MHz 105W

D

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Section III Memory



<p>- There are 12 memory slots per CPU for max. 768GB LRDIMM (12x 64GB 4R) 384GB RDIMM (12x 32GB 2R) => max. 1.536GB for two CPUs (768GB per CPU), using LRDIMM</p> <p>- The memory area is divided into 4 channels per CPU with 3 slots per channel</p> <p>- Slot 1 of each channel belongs to memory bank 1, the slot 2 belongs to memory bank 2, slot 3 belongs to memory bank 3</p>
<p>Registered and Load Reduced DIMMs can be selected No mix of registered and load reduced modules is allowed. Memory will be operated at 1.2V. Depending on the CPU following memory speeds will be reached: In a single DIMM per channel configuration 2133MHz will be supported This is also valid for a dual LRDIMM configurations (2166MHz) In a dual RDIMM configuration 1866MHz will be supported All 3DPC configurations support 1600MHz SDDC (Chipkill) is supported for registered and load reduced x4 organized memory modules</p>
<p>1.) In the "Independent Channel Mode" the following configuration is possible Channels can be populated in any order in Independent Channel Mode. All four channels may be populated in any order and have no matching requirements. All channels must run at the same interface frequency but individual channels may run at different DIMM timings (RAS latency, CAS latency, and so forth) No mix of registered and load reduced modules is allowed.</p>
<p>2.) "Rank Sparing Mode" configuration Within a memory channel, one rank is a spare of the other ranks. The Spare Rank is held in reserve and is not available as system memory For the effective memory capacity, please refer to the spreadsheet below. The BIOS is set to the rank sparing setting. Minimum configuration is: 2x 1R, 2x 2R or 1x4R DDR4 module per channel</p>
<p>3.) "Performance Mode" configuration In this configuration, the memory module population ex factory is spread across all channels. The BIOS is set to the maximum performance for memory. Minimum configuration is four identical modules per CPU</p>
<p>4.) "Mirrored Channel Mode" configuration Each memory bank can optionally be equipped with four registered or load reduced DDR4 modules In each memory bank channel A and B / C and D of CPU 1 or channel E and F / G and H of CPU 2 have to be equipped with identical modules for mirrored channel mode. In channel B / D is always the mirrored memory of channel A / B of CPU 1 In channel F / H is always the mirrored memory of channel E / G of CPU 2 Minimum configuration is four identical modules per CPU</p>

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S26361-F3694-E10 Independent Mode
Independent Channel Mode allows all channels to be populated in any order. No specific Memory RAS features are defined
Requires min 1 memory Module per CPU

S26361-F3694-E1 Rank Sparing Mode Installation
BIOS Setup factory preinstalled to this mode. One Rank is spare of other ranks on the same channel. Spare Rank is not shown in System Memory.
For effective capacity within a channel, please have a look below.
Requires min 2x 1R/2R or 1x 4R modules per CPU

S26361-F3694-E2 Performance Mode Installation
BIOS Setup factory preinstalled for maximum Performance, Four identical memory modules will be equipped in one memory bank to achieve highest memory performance. All four modules are active and full capacity can be used.
Multiple of 4 identical modules to be configured per CPU

S26361-F3694-E3 Mirrored Channel Mode Installation
BIOS Setup factory preinstalled to this mode. Four identical memory modules are always equipped in one memory bank to use the Mirrored channel Mode. Only two modules contain active data, the remain two modules contain mirrored data
Multiple of 4 identical modules to be configured per CPU

1x per CPU

i Effective Memory capacity / Rank Sparing Mode, 1 Channel populated

	RDIMM			LRDIMM	
	8GB 1R	16GB 2R	32GB 2R	32GB 4R	64GB 4R
1DPC				24GB	48GB
2DPC	8GB	24GB	48GB	56GB	112GB
3DPC	16GB	40GB	80GB	88GB	176GB

i Minimum one memory module or order code per CPU = first memory

i Note 1)
Max. DDR4 memory speed depends on the memory configuration (No of mem modules per channel) as well as on the CPU type. The memory channel with the lowest speed defines the speed of all CPU channels in the system, also for the channels of the second CPU if configured. For real memory speed (depending on memory type / population), please check the spreadsheet "Memory speed" below

i Note 2)
Mix of memory modules is only possible within the same group

12x per CPU, max. 3 modules per channel

Registered Memory (RDIMM) with SDDC (chipkill) support
- one DDR4 registered ECC memory Module, 1.2V
Choose up to 12 order codes per CPU

8GB (1x8GB) 1Rx4 DDR4-2133 R ECC	S26361-F3843-E514
16GB (1x16GB) 2Rx4 DDR4-2133 R ECC	S26361-F3843-E516
32GB (1x32GB) 2Rx4 DDR4-2133 R ECC	S26361-F3843-E517

as soon as available

Registered Memory (RDIMM) no SDDC (chipkill) support
- one DDR4 registered ECC memory Module, 1.2V
Choose up to 12 order codes per CPU

8GB (1x8GB) 2Rx8 DDR4-2133 R ECC	S26361-F3843-E515
----------------------------------	-------------------

Load Reduced Memory (LRDIMM) with SDDC (chipkill) support
- one DDR4 load reduced ECC memory Module, 1.2V
Choose up to 12 order codes per CPU

32GB (1x32GB) 4Rx4 DDR4-2133 LR ECC	S26361-F3844-E517
64GB (1x64GB) 4Rx4 DDR4-2133 LR ECC	S26361-F3844-E518

as soon as available

F

Memory Configuration PRIMERGY RX2540 M1

Each CPU offers 12 **Slots** for DDR4 Memory Modules organised in **3 Banks and 4 Channels**.

If you need more than 12 Slots you have to configure the 2nd CPU.

Depending on the amount of memory configured you can decide between 4 basic modes of operation (see explanation below).

There are 2 different kinds of DDR4 Memory Modules available: RDIMM and LRDIMM

Mix of RDIMM and LRDIMM is not allowed.

Mode	Configuration	RDIMM	RDIMM	Application
			LRDIMM	
		x8	x4	
SDDC (chipkill) support	any	no	yes	detect multi-bit errors
Independant Channel Mode	1, 2 or 3 Modules per Bank	yes	yes	offers max. flexibility, upgradeability, capacity
Mirrored Channel Mode *)	4 identical Modules / Bank	no	yes	offers maximum security
Performance Mode	4 identical Modules / Bank	yes	yes	offers maximum performance and capacity
Rank Sparing Mode *)	min. 2 Ranks / Channel	no	yes	balances security and capacity

*) For the delivery ex works the system will be prepared with dedicated BIOS setting.

Capacity	Configuration	RDIMM	LRDIMM	Notes
Min. Memory per CPU	1 Module / CPU	1x8GB	1x32GB	with one CPU
Max. Memory per CPU	12 Modules / CPU	12x32GB	12x64GB	with one CPU
Max. Memory per System	24 Modules / System	768GB	1536GB	if second CPU is configured

Memory-Speed:

Max. DDR4 memory speed depends on the memory configuration on one memory channel and the speed of the CPU

The memory channel with the lowest speed defines the speed of all CPU channels in the system

Mem. Speed provided by CPU	Real maximum memory-bus speed depending on CPU type, memory configuration (DPC) and voltage setting (BIOS)					
	RDIMM 2133MHz			LRDIMM 2133MHz		
	1.2V			1.2V		
Voltage setting (BIOS)						
	1	2	3	1	2	3
	DPC	DPC	DPC	DPC	DPC	DPC
CPU with 2133MHz DDR4 Bus	2133	1866	1600	2133	2133	1600
CPU with 1866MHz DDR4 Bus	1866	1866	1600	1866	1866	1600
CPU with 1600MHz DDR4 Bus	1600	1600	1600	1600	1600	1600

2133MHz under test; available in 11/2014

1R - Single Rank 4R - Quad Rank
 2R - Dual Rank 8R - Eight Rank

1DPC = 1 DIMM per Channel
 2DPC = 2 DIMM per Channel
 3DPC = 3 DIMM per Channel

Configuration hints:

- The memory sockets on the systemboard offer a color coding:

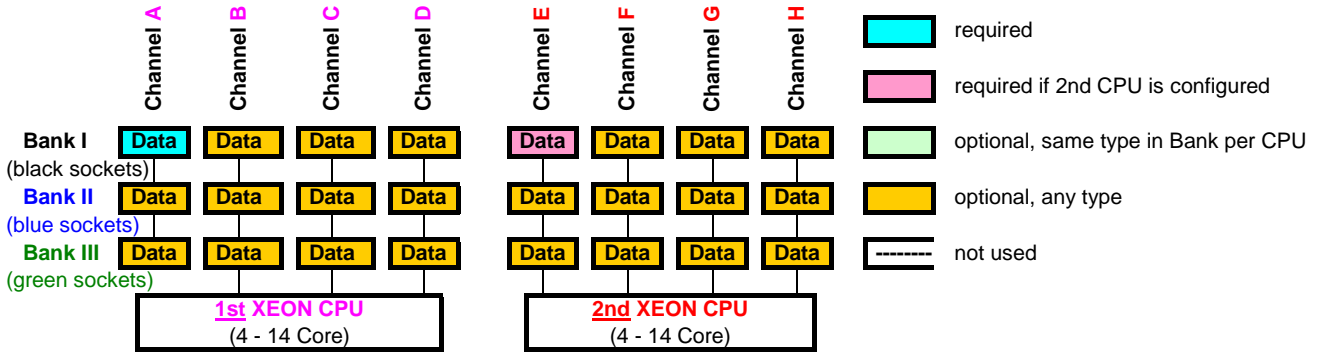
Bank I black sockets
Bank II blue sockets
Bank III green sockets

- A so called Bank consists of 1 memory module on every Channel available on one CPU (examples see below)

Bank I on CPU 1/2 up to 4 memory modules connected to Channel A - H on the 1st/2nd CPU
Bank II on CPU 1/2 up to 4 memory modules connected to Channel A - H on the 1st/2nd CPU
Bank III on CPU 1/2 up to 4 memory modules connected to Channel A - H on the 1st/2nd CPU

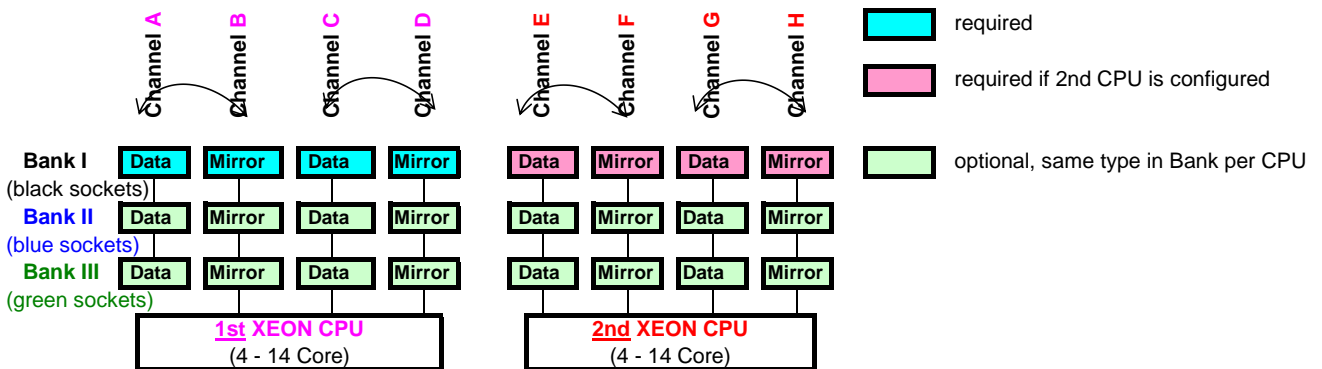
- See below and next page for a detailed descriptions of the memory configuration supported.

1. Independent Channel Mode



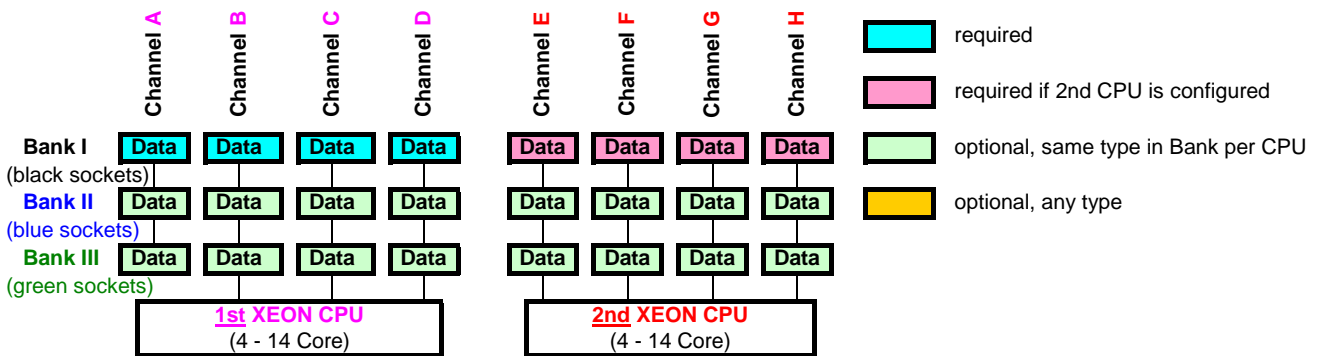
Independent Channel Mode allows all channels to be populated in any order
 Can run with differently rated DIMMs and use the settings of the slowest DIMM installed in the system

2. Mirrored Channel Mode



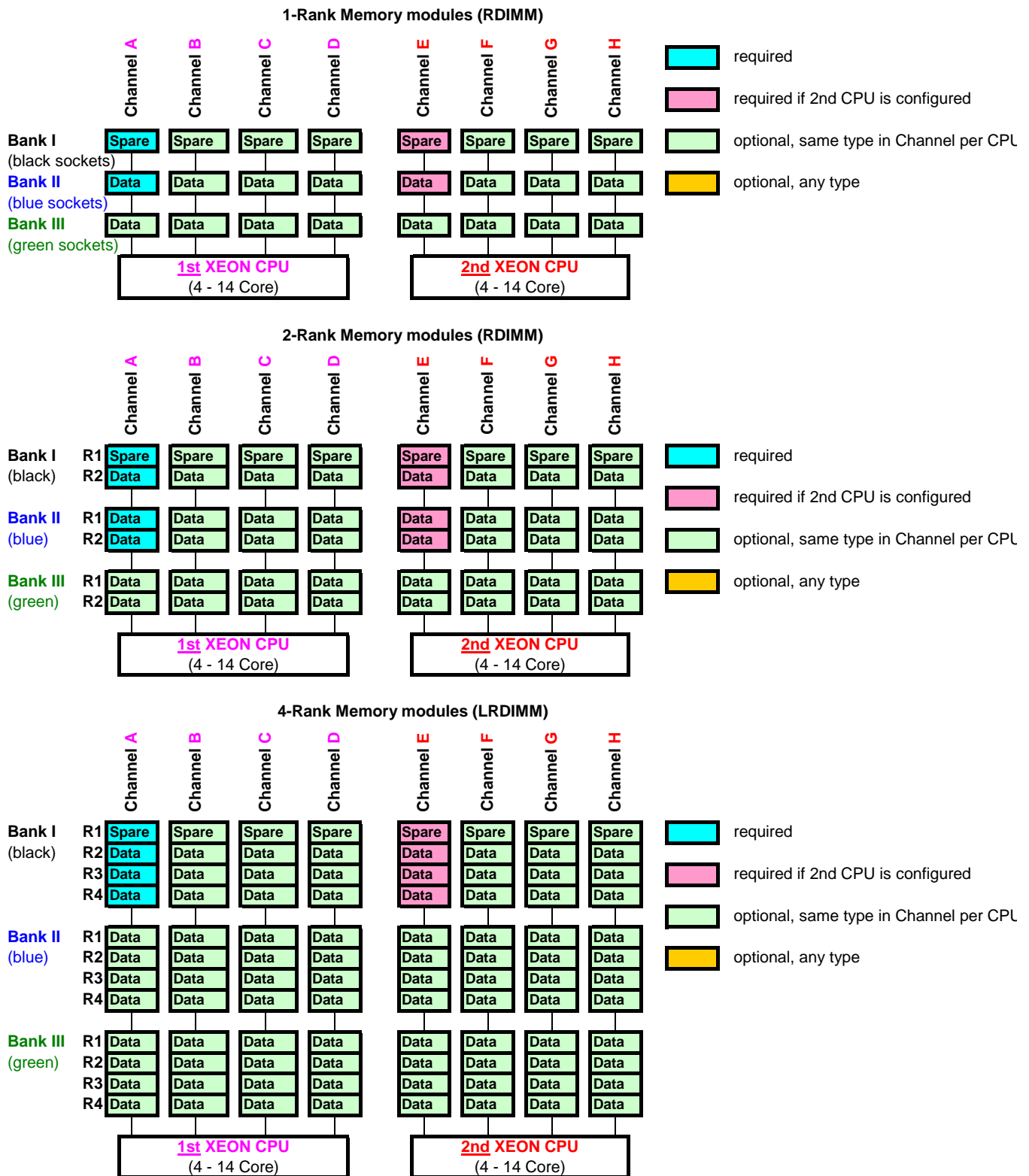
Mirrored Channel Mode requires identical modules on channel A,B, C, D (1st CPU) or channel E, F, G and H (2nd CPU)
 50% of the capacity is used for the mirror => the available memory for applications is only half of the installed memory
 If this mode is used, a multiple of 4 identical modules has to be ordered.

3. Performance Channel Mode

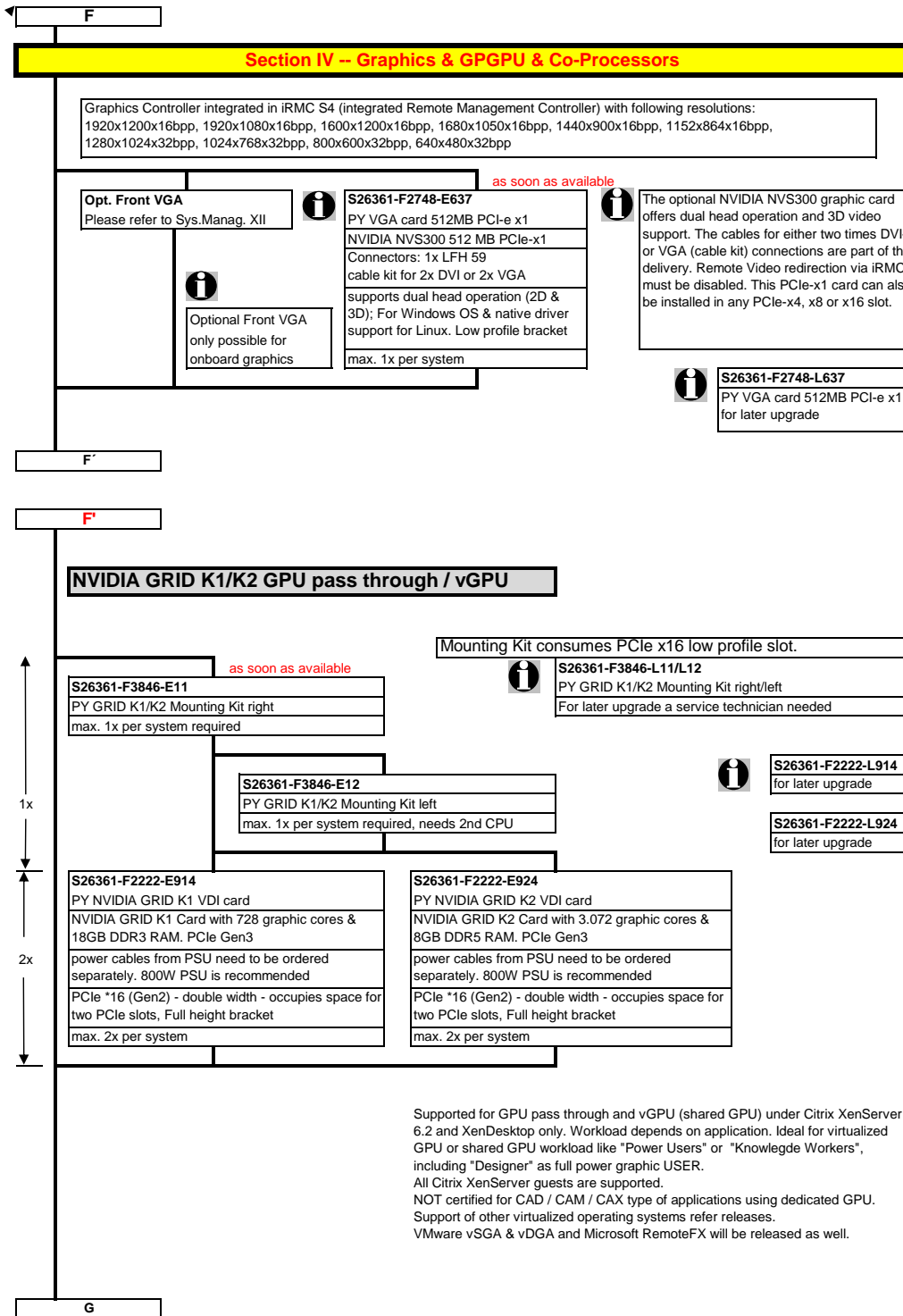


Performance Channel Mode requires identical modules on all channels of each Bank per CPU.
 If this mode is used, a multiple of 4 identical modules has to be ordered.

4. Rank Sparing Mode

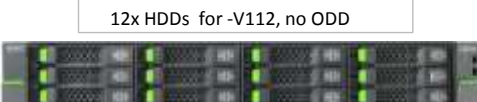


Rank Sparing Mode requires identical modules (same capacity and technology) within the same channel. The available memory for applications will vary depending on configuration. Please refer to the spreadsheet above "Effective Memory capacity with active Rank Sparing Mode". Population rule for Rank sparing mode is to achieve max. available memory, e.g. 6 DIMMs will be spread across two channels, each with 3DPC

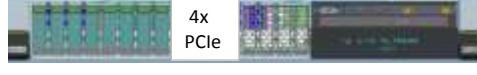


G

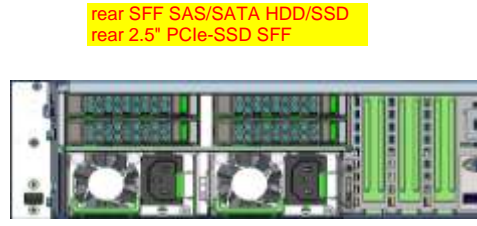
Section Va Possible configuration options for basic units



Config 1, 2 or 3: Up to 4x, 8x or 12x 3.5" HDD (LFF)	
Basic unit S26361-K1495-V101	expandable
Config 1: Max. 4x 3.5" HDD	included
Available Upgrade kits for this configuration option:	
Upgrade kit to 8x 3.5" HDD	S26361-F2495-L112
Config 2: Max. 8x 3.5" HDD S26361-F2495-E120	
Available Upgrade kits for this configuration option:	
Upgrade kit to 12x 3.5" HDD	S26361-F2495-L123
Available in November 2014	
Basic unit S26361-K1495-V112 with 12x 3.5" HDDs	
Config 3: Up to 12x 3.5" HDD, no ODD	included
Available Upgrade kits for this configuration option:	
None	



Available in February 2015	
Basic unit S26361-K1495-V401 with expandable	
Config. 4: 8x 2.5" HDD bays	S26361-F1495-E440
Available Upgrade kits for this configuration option:	
Upgrade kit to 16x 2.5" HDD	S26361-F2495-L445
Upgrade kit to 24x 2.5" HDD	S26361-F2495-L442
Upgrade kit to + 4x PCIe SDD SFF	S26361-F2495-L448
Config. 5: 16x 2.5" HDD bays S26361-F2495-E450	
Config. 6: 16x 2.5" HDD @ Dual RAID S26361-F2495-E452	
Available Upgrade kits for this configuration option:	
Upgrade kit to 24x 2.5" HDD	S26361-F2495-L452
Config. 7: 4x PCIe-SSD SFF S26361-F2495-E470	
Config. 8: 8x 2.5" + 4x PCIe-SSD SFF S26361-F2495-E480	
Config. 9: 8x PCIe-SSD SFF S26361-F2495-E490	
Available Upgrade kits for this configuration option:	
Upgrade kit to + 8x 2.5" HDD	S26361-F2495-L478
Upgrade kit to + 4x 2.5" PCIe-SSD SFF	S26361-F2495-L479
Basic unit S26361-K1495-V424 with 24x 2.5" HDDs	
Config 24: Up to 24x 2.5" HDD, no ODD/Backup	included
Config. 16: 16+8x 2.5" HDD @ Dual RAID	S26361-F2495-E424
Available Upgrade kits for this configuration option:	
None	
Includes all necessary bezels, cages, backplanes and cables	



Available in February 2015	
Modular REAR SFF HDD/SSD options are possible for every basic unit, so V1xx as well as V4xx are expandable	
S26361-F3853-E10	Option REAR SAS/SATA HDD/SSD
S26361-F3853-E20	Option REAR PCIe SSD SFF
Available Upgrade kits for this configuration option:	
S26361-F3853-L10	Upgrade REAR SAS/SATA HDD/SSD
S26361-F3853-L20	Upgrade REAR PCIe SSD SFF
Provides 4 rear hot-plug bays for SAS/SATA HDD/SSD or PCIe-SSD SFF devices	
Note: Separate SAS-Controller or PCIe switch needed in slot 6	
Note: Consumes space for PCIe riser 2x x8 left	
max. 1x per system	
Includes all necessary bezels, cages, backplanes and cables	

HDD/SSD configurations without RAID controller are possible on special release

H

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Section Vb Accessible drives

Setup RX2540 M1 by ServerStart is supported with following configurations:

no DVD, no CD:
 remote installation only (PXE service & DHCP server required)

built in CD/DVD or USB CD/DVD disk drive:
 UNC Network share reachable or USB Floppy connected

USB Floppy, no CD/DVD:
 USB CD/DVD connected

If installation is done locally, make sure you have external FDD available for driver installation.

Following USB Components are available

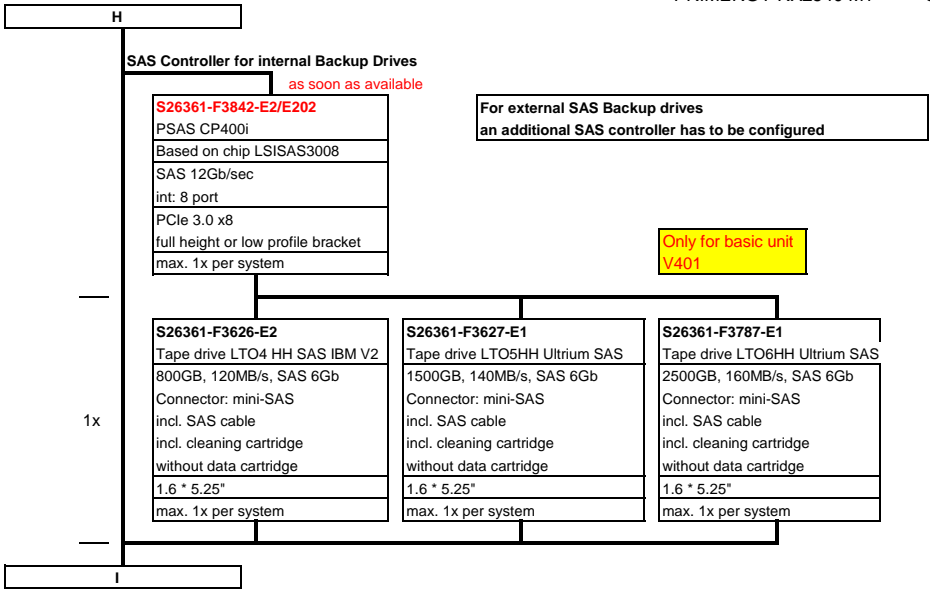
1) USB DVD SM / Blu-Ray External SuperMulti Drive	S26341-F103-L126
External Blu-Ray Drive	S26341-F103-L127
2) USB Memorybird:	
MyUSBS A910 8GB, MLC Flash	S26391-F6048-L208
MyUSBS A910 16GB, MLC Flash	S26391-F6048-L216

Only for basic unit V401 with max 16 HDDs and V101 with max 8 HDD

		as soon as available	
1x	S26361-F3778-E1 DVD-RW supermulti ultraslim SATA 8x DVD 24x CD 9.5mm x 5.25", black bezel max. 1x per system	S26361-F3641-E6 Blu-ray Triple Writer ultraslim SATA 6x BD-RW, 8x DVD, 24x CD BD DL and all CD/DVD formats 9.5mm x 5.25", black bezel max. 1x per system	S26361-F3718-E2 DVD-ROM ultraslim SATA 16x DVD 48x CD 9.5mm x 5.25", black bezel max. 1x per system

	Only for basic unit V401 as soon as available	Not possible for basic unit V1xx	RDX Drive is connected to on-board USB3
S26361-F3750-E5 RDX Drive USB3.0 3.5" internal 100MB/s, USB 3.0 Connector: USB 3.0 "B" with USB cable without RDX cartridges 1.6 x 3.5", black bezel max. 1x per system			<p>i RDX cartridges must be ordered separately RDX 320GB = S26361-F3857-L320 RDX 500GB = S26361-F3857-L500 RDX 1TB = S26361-F3857-L600 10x RDX320 = S26361-F3857-L329</p> <p>i The drive is also available as optional (loose) delivery S26361-F3750-L5/L7 with USB3.0 cable for adapter card. The USB3.0 Adapter card or the USB2.0 cable set S26361-F3750-L20 must be ordered with the drive!</p>

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Section VI Hard disks drives

Modular Raid controller is connected to internal HDDs
 For basic unit V112 up to 12 SAS 3.5" hard disks can be configured also in mixed configuration.
The option "Tape drive" is not possible for 3.5" Version (V1xx)
SAS and SATA drives can be mixed, but not used in one logical RAID volume
SAS drives requires SAS Controller
Support of SAS12G requires SAS12G Controller
SAS12G drives are SAS6G compatible
 *) SSD Mainstream Endurance 10DWPD over 5y
 **) SSD Read-Intensive Endurance 0.3DWPD over 5y

4x, 8x or 12x with
 SAS expander for
 basic unit V1xx

SATA Disk Drive 3.5"

HDD SATA 6Gb/s 3.5" with hot plug/hot replace tray	
500GB 7200rpm, <9.0ms, 64MB Cache	S26361-F3815-E500
1TB 7200rpm, <9.0ms, 64MB Cache	S26361-F3815-E100
2TB 7200rpm, <9.0ms, 64MB Cache	S26361-F3815-E200
3TB 7200rpm, <9.0ms, 64MB Cache	S26361-F3815-E300
4TB 7200rpm, <9.0ms, 64MB Cache	S26361-F3815-E400
max. 4x, 8x or 12x per System	

Please order additionally either/or:

Config 1: Max. 4x 3.5" HDD	V101
Config 2: Up to 8x 3.5" HDD	
Config 3: Up to 12x 3.5" HDD	V112

SAS Disk Drive 3.5"

HDD SAS 12Gb/s, 2.5" HDD within 3.5" hot plug/hot replace tray	
300GB 15000rpm, <=3.1ms, 128MB Cache	S26361-F5532-E530
450GB 15000rpm, <=3.1ms, 128MB Cache	S26361-F5532-E545
600GB 15000rpm, <=3.1ms, 128MB Cache	S26361-F5532-E560
HDD SAS 6Gb/s 3.5" with hot plug/hot replace tray	
1TB 7200rpm, <9.0ms, 32MB Cache	S26361-F3820-E100
2TB 7200rpm, <9.0ms, 32MB Cache	S26361-F3820-E200
3TB 7200rpm, <9.0ms, 32MB Cache	S26361-F3820-E300
4TB 7200rpm, <9.0ms, 32MB Cache	S26361-F3820-E400
max. 4x, 8x or 12x per System	

Solide State Disk, 3.5"

SSD SATA 6Gb/s, 2.5" SSD within 3.5" hot plug/hot replace tray (H-P)	
120GB, Enterprise (EP), Read-Intensive**	S26361-F5530-E120
240GB, Enterprise (EP), Read-Intensive**	S26361-F5530-E240
480GB, Enterprise (EP), Read-Intensive**	S26361-F5530-E480
800GB, Enterprise (EP), Read-Intensive**	S26361-F5530-E800
100GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5289-E100
200GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5289-E200
400GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5289-E400
800GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5289-E800
SSD SAS 12Gb/s, 2.5" SSD within 3.5" hot plug/hot replace tray (H-P)	
200GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5320-E200
400GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5320-E200
800GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5320-E800
1.6TB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5320-E160
max. 4x, 8x or 12x per System	

as soon as available
 as soon as available
 as soon as available
 as soon as available

J			
	Solid State Disk, SATA DOM		
	SSD SATA 6Gb/s DOM, non "hot plug/hot replace"		
	32GB, SATA DOM	S26361-F5522-E32	as soon as available
	64GB, SATA DOM	S26361-F5522-E64	as soon as available
	128GB, SATA DOM	S26361-F5522-E128	as soon as available
	max. 1x per system		
	Solid State Disk 2.5", SATA 6G Read-Intensive**		
	SSD SATA 6Gb/s 2.5" with hot plug/hot replace tray (H-P)		
	120GB, Enterprise (EP), Read-Intensive**	S26361-F5525-E120	as soon as available
	240GB, Enterprise (EP), Read-Intensive**	S26361-F5525-E240	as soon as available
	480GB, Enterprise (EP), Read-Intensive**	S26361-F5525-E480	as soon as available
	800GB, Enterprise (EP), Read-Intensive**	S26361-F5525-E800	as soon as available
	max. 8/16/24x per system		
	Solid State Disk 2.5", SATA 6G Mainstream*		
	SSD SATA 6Gb/s 2.5" with hot plug/hot replace tray (H-P)		
	100GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F3821-E100	
	200GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F3821-E200	
	400GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F3821-E400	
	800GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F3821-E800	
	max. 8/16/24x per system		
	Solid State Disk 2.5", SAS 12G Mainstream*		
	SSD SAS 12Gb/s 2.5" with hot plug/hot replace tray (H-P)		
	200GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5298-E200	
	400GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5298-E400	
	800GB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5298-E800	
	1.6TB, Enterprise (EP), Mainstream Endurance (ME)*	S26361-F5298-E160	
	max. 8/16/24x per system		
	SAS Disk Drive 2.5"		
	HDD SAS 6Gb/s 2.5" with hot plug/hot replace tray		
	500GB 7.200rpm, <9,5ms, 64MB Cache	S26361-F3817-E500	
	1TB 7.200rpm, <9,5ms, 64MB Cache	S26361-F3817-E100	
	max. 8/16/24x per system		
	HDD SAS 12Gb/s 2.5" with hot plug/hot replace tray		
	450GB, 10krpm	S26361-Fxxxx-E145	as soon as available
	600GB, 10krpm	S26361-Fxxxx-E160	as soon as available
	900GB, 10krpm	S26361-Fxxxx-E190	as soon as available
	1.2TB, 10krpm	S26361-Fxxxx-E112	as soon as available
	1.8TB, 10krpm	S26361-Fxxxx-E118	as soon as available
	300GB, 15krpm	S26361-F5531-E530	as soon as available
	450GB, 15krpm	S26361-F5531-E545	as soon as available
	600GB, 15krpm	S26361-F5531-E560	as soon as available
	SATA Disk Drive 2.5"		
	HDD SATA 6Gb/s 2.5" with hot plug/hot replace tray		
	250GB 7.200rpm, <9,5ms, 64MB Cache	S26361-F3816-E250	
	500GB 7.200rpm, <9,5ms, 64MB Cache	S26361-F3816-E500	
	1TB 7.200rpm, <9,5ms, 64MB Cache	S26361-F3816-E100	
	max. 8/16/24x per system		
	K		

max 8/16/24x
for V4xx

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Section VII Modular Raid 0/1, Raid5 for SAS or SATA HD's. On-board Controller for max. 8x SATA HD's

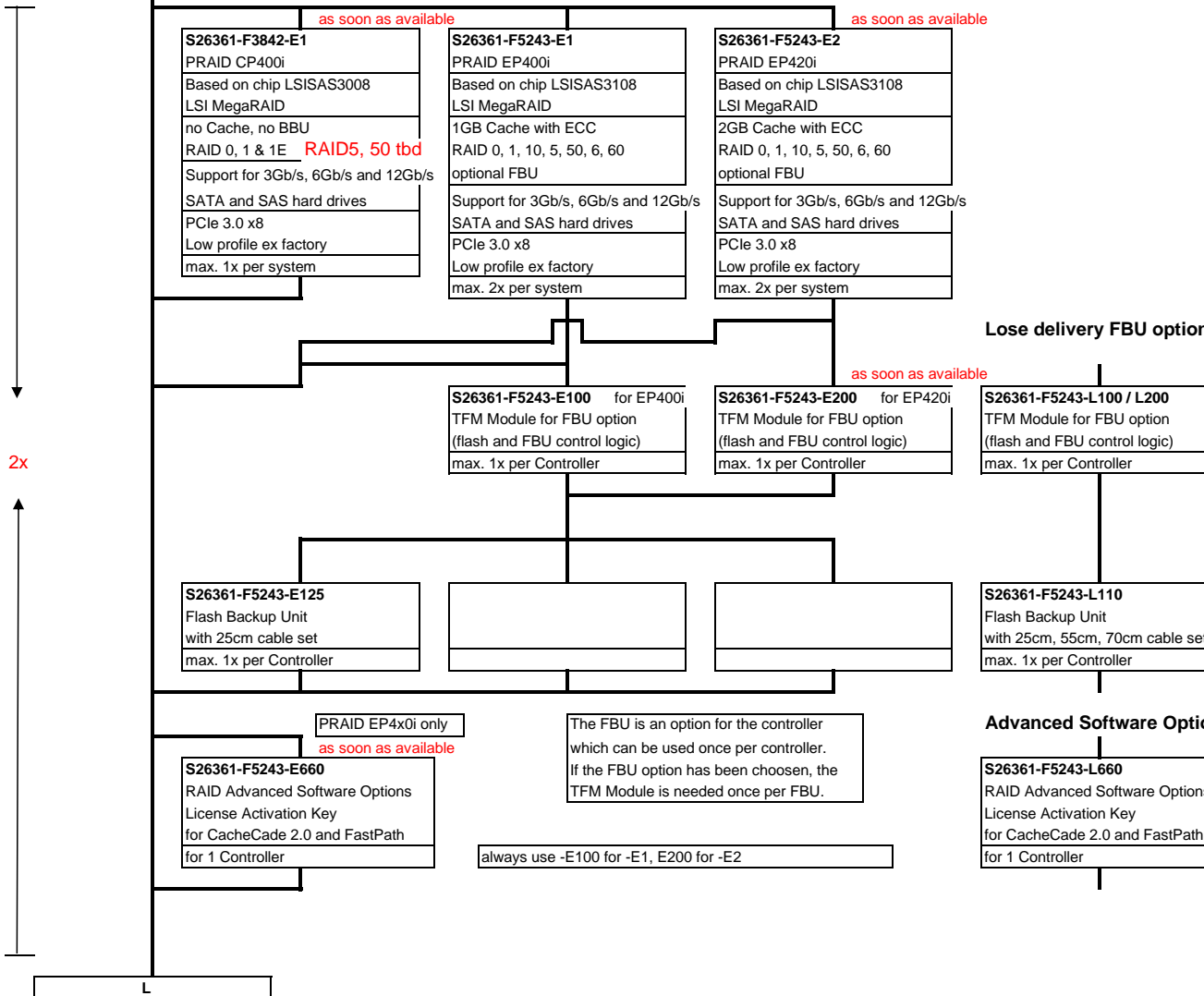
On board SATA Controller (Wellsburg) with 6 Gb/sec can be used for up to 4x 3.5" SATA HDD configurations with special release

For every configuration with hard disks or SSDs one of the following modular RAID-controllers is required

Modular Raid 0/1 controller with IME support for SAS/SATA
 This RAID controller supports max. 8 HDDs on internal SAS ports

Modular Raid 5 controller for SAS/SATA
RAID levels 0, 1, 10, 5, 50, 6 and 60 are supported.
 This RAID controller supports max. 24 HDDs combined with internal SAS expander

The FBU is an option for the controller which can be used once per controller. If the FBU option has been chosen, the TFM Module is needed once per FBU.



L

PCIe riser card options

as soon as available

S26361-F3846-E21
PCIe riser 2x x8 right
PCIe 3.0 x8
provides two full height slots
max. 1x per system

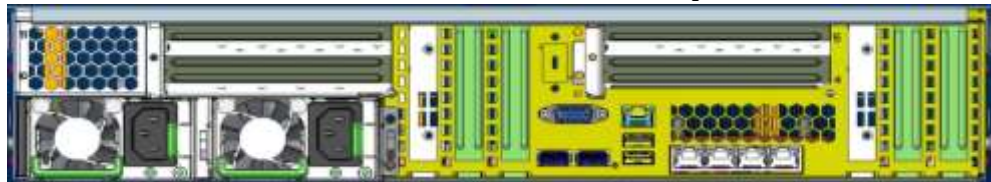
Every PCIe riser card option consumes white PCIe x16 low profile slot each. It provides two PCIe x8 full height slots instead (Slot no. 4 and 5 or no. 10 and 11). So, max. four PCIe x8 full height slots plus one PCIe x16 and three PCIe x8 low profile slots are available. Please note that some PCIe cards have different order numbers depending on full height slots or low profile slots! And left or right side PCIe riser card option is different!

as soon as available

S26361-F3846-E22
PCIe riser 2x x8 left
PCIe 3.0 x8
provides two full height slots
max. 1x per system

left

right



SAS-/SCSI-/ Fibre-Channel Controller Low Profile

SAS controller

as soon as available

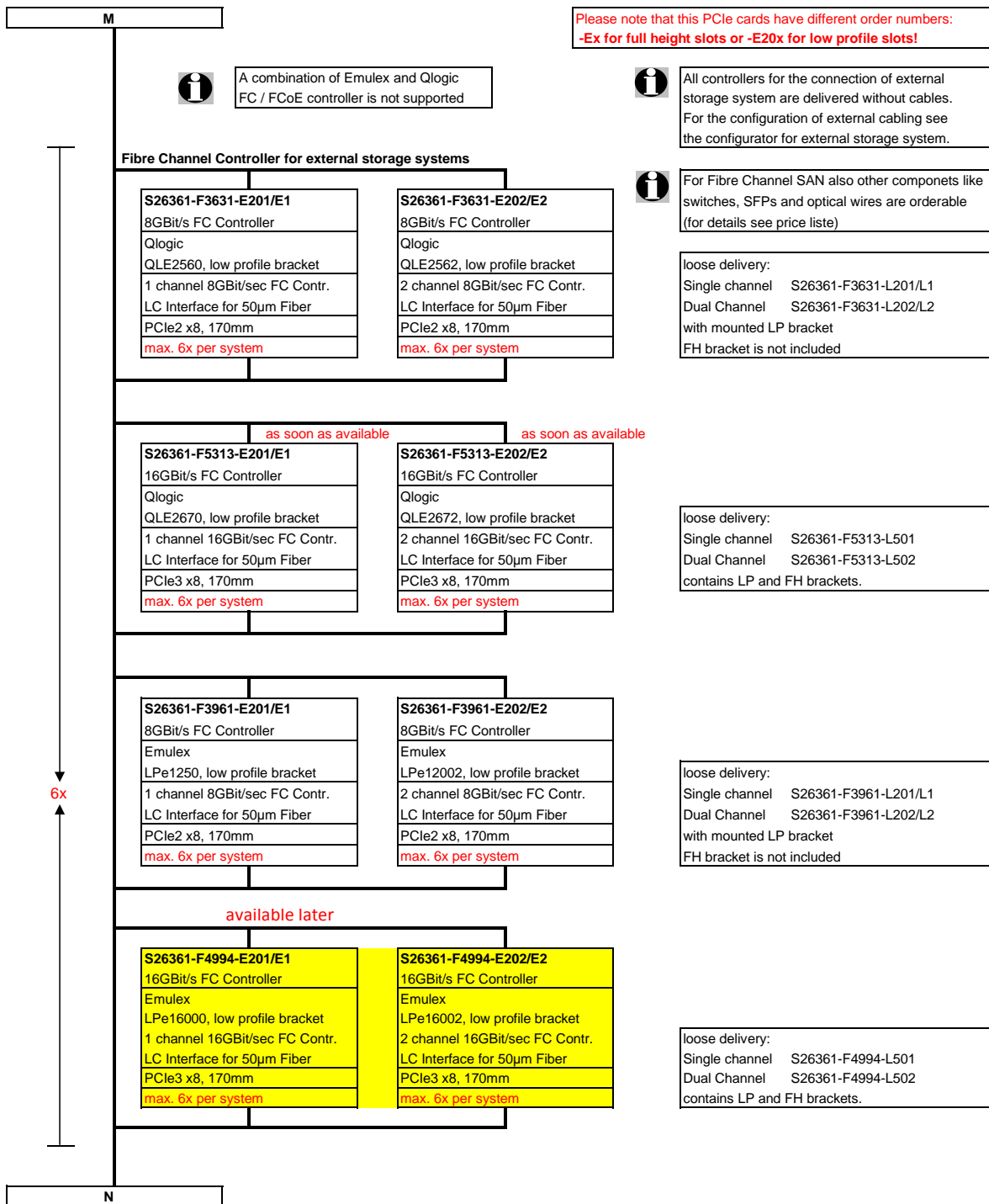
S26361-F3845-E201/-E1
PSAS CP400e lp/fh
LSI SAS9300-8e
SAS 12Gb/sec
ext: 8 port
PCIe 3.0 x8,
full height or low profile bracket
max. 2x per system

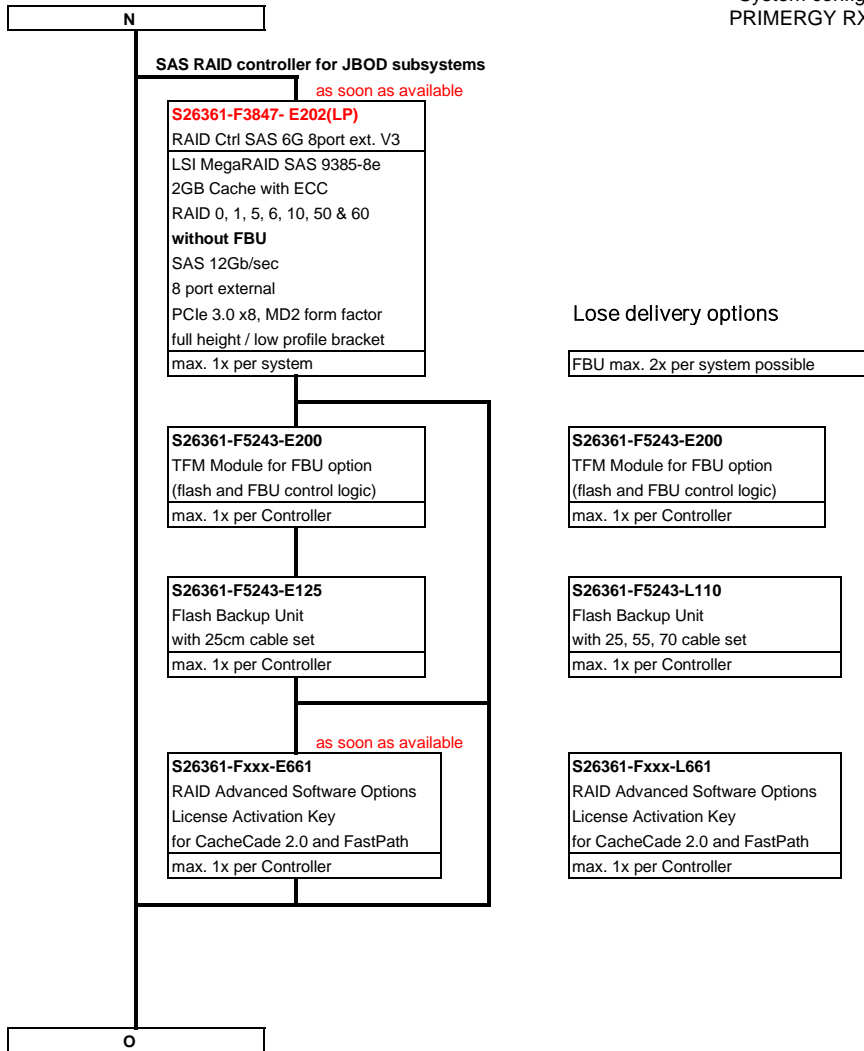
SAS controller

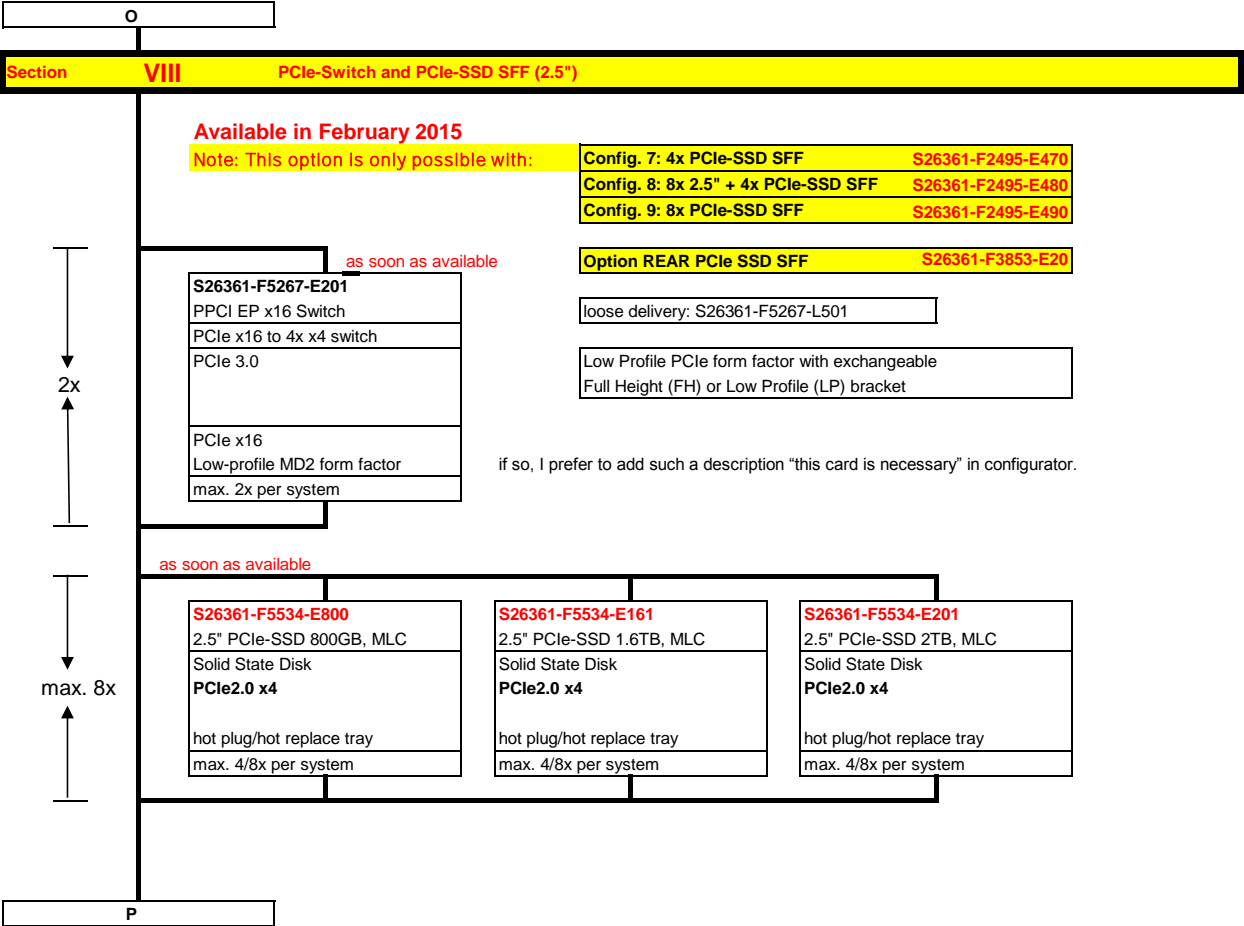
as soon as available

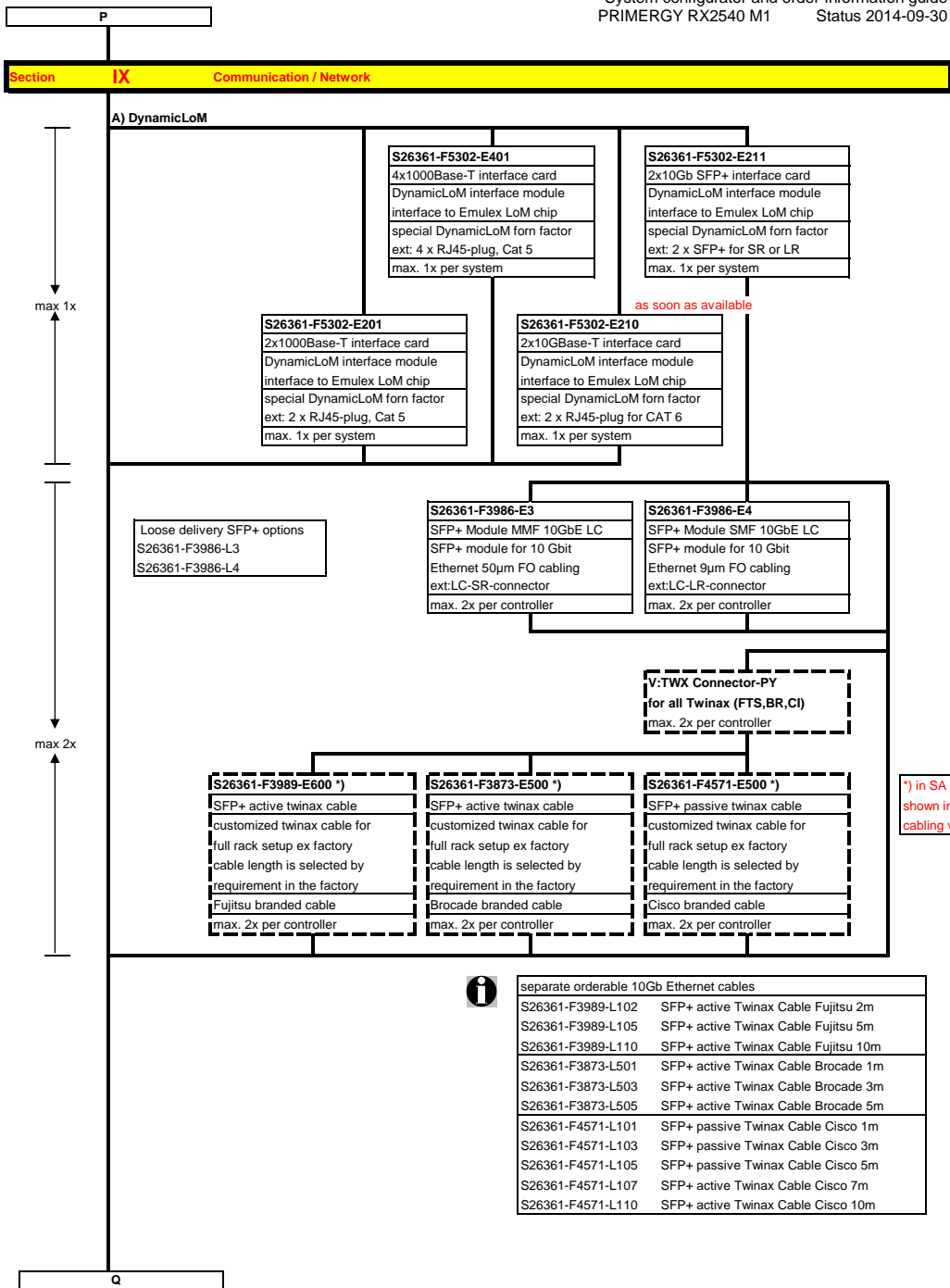
S26361-F3842-E2/E202
PSAS CP400i
Based on chip LSI SAS3008
SAS 12Gb/sec
int: 8 port
PCIe 3.0 x8
full height or low profile bracket
max. 1x per system

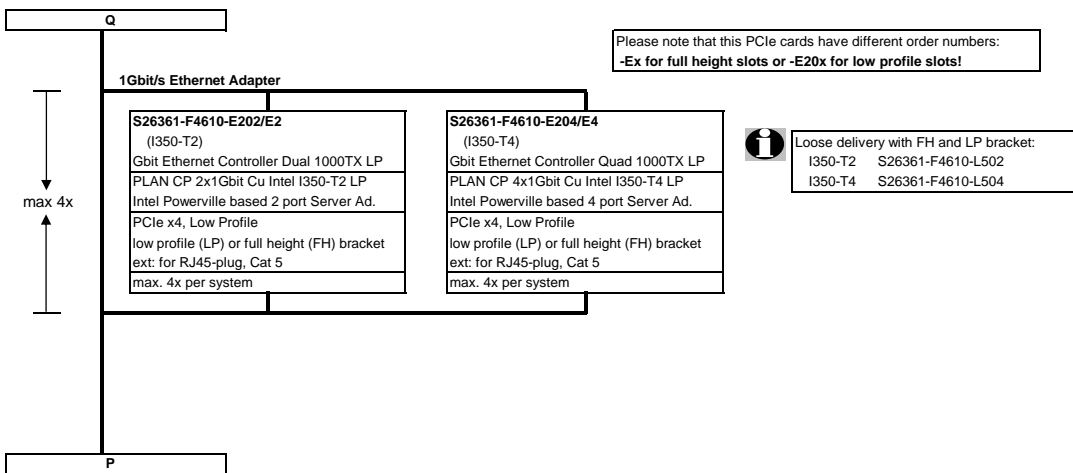
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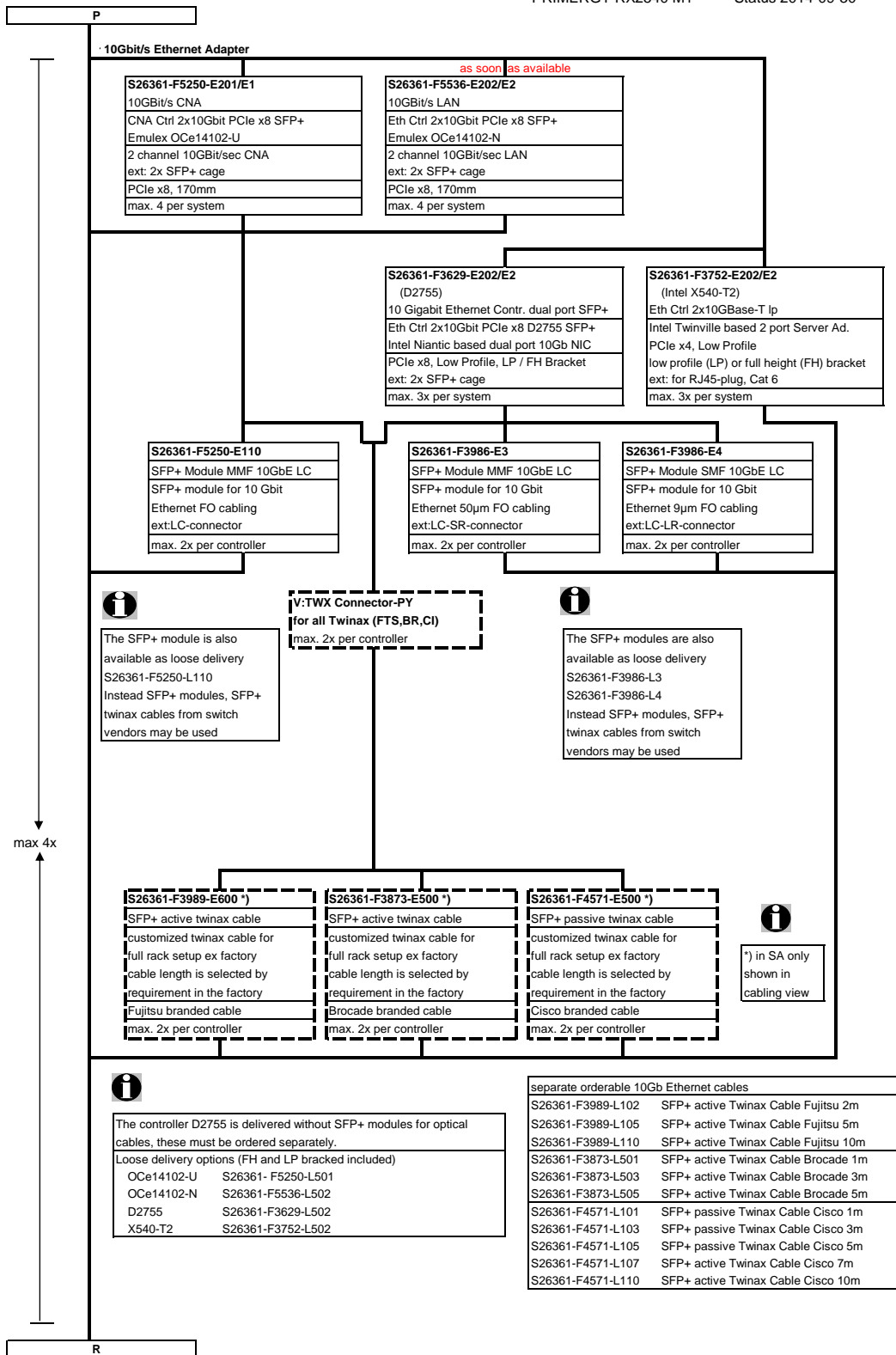


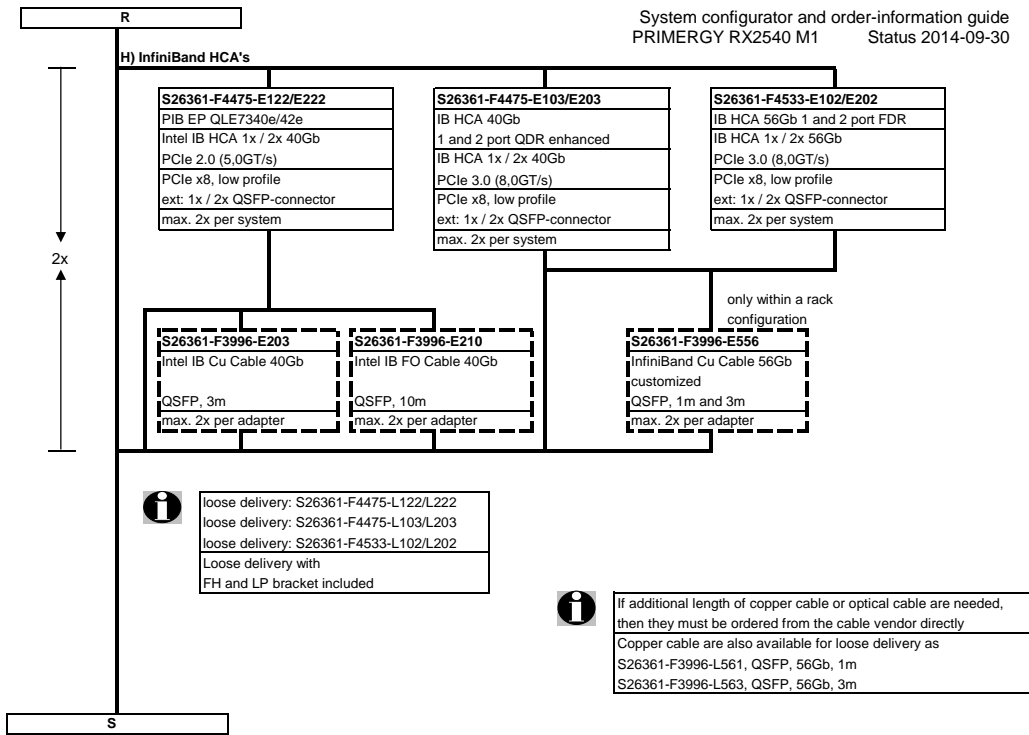












S

Section X System Management Products (RemoteView)

i iRMC S4 (integrated Remote Management Controller) onboard server management Controller with dedicated 10/100/1000 Service LAN-port and integrated graphics.

S26361-F1790-E243
iRMC S4 advanced pack
 integrated remote management controller
 activation key for
 graphical console redirection
 and remote media redirection
 max. 1x per system

S26361-F2557-E106 ???
 Local Service Display incl. mount. kit
 Customer Self Service
 LSD module incl. mounting kit
 0.5" x 5.25"
 max. 1x per system

Available in February 2015

S26361-F1420-E130
 Opt. Front VGA
 max. 1x per system

i **Font VGA for iRMC Graphic only**
 - not for discrete Graphic -
 - not for 12x 3.5" and 24x 2.5" HDD

i **Loose delivery**
 Opt. front VGA
 S26361-F1420-L130

Section XI Miscellaneous

S26361-F3120-E40
 Serial Port Option
 RS-232-C
 Cable with 9-pin plug
 for a RS-232-C Serial Port
 Interface
 does NOT occupy PCI slot
 max. 1x per system

i **Options and other peripherals**
 For other options, refer to SystemArchitect and Pricelist
 These options are supplied lose with the shipment
 For suitable peripherals for this product, please refer to SystemArchitect

as soon as available
S26361-F3776-E101
Cool-safe® Advanced Thermal Design
 Restricts configuration to make
 5-40° possible
 Feature is enabled and fixed ex factory
 max. 1x per system

Cool-safe ATD configuration restrictions for RX2540 M1:
 related L-numbers as well restricted

i **no tape drives**

Tape drive LTO4 HH SAS IBM V2	S26361-F3626-E2
Tape drive LTO5HH Ultrium SAS	S26361-F3627-E1
Tape drive LTO6HH Ultrium SAS	S26361-F3787-E1

 tbd

Section XII Country specific power cord

S26361-F1452-E100
 REGION KIT EMEA AP
 For Shipments to EMEA / Asia and
 Pacific regions
 1x per system

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

i **Power cord has to be ordered separately**

Power cord options (1x per PSU)

T26139-Y1968-E100	Powercord for rack, 4m, grey, IEC 320 C14 connector
T26139-Y1742-E10	USA, Canada, 1.8m, grey
T26139-Y3850-E10	Option "no powercord", for Countries without specific cable orderable like e.g. China

max. 2 x

End PRIMERGY RX2540 M1

