# Data Sheet

We make sure



## PRIMERGY RX300 S4

Dual Socket, Quad-Core, Xeon® 2U based Rack Server – Compact capacity in central service to your departments Issue May 09, 2008

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PRIMERGY RX servers are perfect answers for an IT strategy that seeks to downsize data center infrastructure costs by enhancing transparency of structure, management overhead and maximize the use of investments.

With RX rack servers and the PRIMECENTER rack enclosures, you benefit from our renowned experience in data center technology, which assures the best quality of dynamic data center operation. To guarantee heterogeneous data center assets, the PRIMECENTER modular design accommodates seamless integration of Solaris based Server compute nodes, storage SAN and NAS subsystems, as well as other infrastructure components such as hubs, KVM switches and more, using a universal power circuit structure.

Cost-effective scaling, simplified operation and enhanced quality of data center IT production are the main benefits in deploying PRIMERGY RX servers. Their centralized PRIMERGY ServerView Suite management functions mean less troubleshooting and costs and remote access from anywhere at any time. The flexible custom supply model and our build-to-order process means that only fully built and pre-tested rack solutions are shipped to the customer – shortening your time to production.

### PRIMERGY RX300 S4

PRIMERGY RX300 S4 rack server packs the capacity of a fully-featured departmental server into a rack design only 2 U in height. It is offering the breakthrough performance features of leading edge Dual- or Quad-Core Intel® Xeon® 5200/5300/5400 series CPUs embedded in a powerful design with an 8-port SAS controller and fast PCIe links and PCI-X busses. Expandability is covering for nearly any workload: 48 GB FBD667 memory, up to 12x 2.5 inch or up to 6x 3.5 inch SAS hard disk drives, and 6 free PCIe and PCI-X slots for heavy I/O requirements perfect for virtualization tasks. To guarantee its high availability level, PRIMERGY RX300 S4 delivers: redundant hot-plug power supply and fans option, Hot-pluggable hard disk drives and a modular RAID. Special attention is given to secure memory data, with SDDC hotspare and memory mirroring option. The "Cool-safe™" technology secures optimal temperatures even at peak workloads, such ensuring longevity and extended Mean Time Between Failures. With this built-in failsafe functionality PRIMERGY RX300 S4 is suited ideally to meet demands for continuous operation in business critical environments, running data bases, terminal services, business applications or consolidation and virtual machine tasks.









#### **Benefits**

- Higher overall productivity through outstanding Dual-/Quad-Core performance with fast FSB, large L2 cache etc. 64-bit computing for demanding applications, with full compatibility for 32-bit legacy applications, ideal for database applications
- Fast communication path through usage of PCI-Express
- Highest flexibility on basis of latest I/O technologies for consolidation of data and applications.
- No-break repair service saves cost, reduces planned and unplanned downtimes
- Comfort and security for continuous operation

#### **Key Features**

- Dual- or Quad-Core Intel Xeon 5200/5400 series and 6/ 2x 6 MB SLC offer outstanding Dual- or Quad-Core performance and balanced architecture that incorporates latest memory and I/O technologies
- PCI-Express attached onboard 2x Gbit/s Ethernet LAN and modular RAID controller in PCIe slot
- Internal max. 6x 300 GB SAS / 6x 750 GB SATA 3.5" HDD or up to 12x 146 GB 2.5" SAS HDD, all hot-plug 6 free PCle and PCI-X slots
- Hot-plug, redundant power supply and fans options, Hot-plug hard disks, modular RAID5, LSP module option
- Integrated Remote Management Controller (iRMC), IPMI 2.0

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Туре	Dual Socket Rack Server
System board	D 2519
Chip set	Intel® 5000P
Processors	Dual- or Quad-Core Intel® Xeon® (1 – 2)
Frequencies (GHz)	5148 (2.33) LV 40W DC / E5205 (1.86) 65W; L5240 (3.00) 50W, X5260 (3.33) 80W DC /
	L5310 (1.60), L5410 (2.33), L5420 (2.50)
	50W QC / E5405 (2,00), E5420 (2.50),
	E5430 (2.66 GHz), E5440 (2.83), 80W,
	X5460 (3.16) 120W QC
Front-Side-Bus/	1066 (E5205, L5310), 1333 MHz
Socket Second-Level-Cache	4 MB (51xx), 2x 4 MB (53xx), 6 MB (52xx),
Second-Level-Cache	2x 6 MB (54xx) ECC
Memory	1 Gbyte up to max. 48 Gbyte
4-way interleaved, Fully	/Buffered DIMM DDR2 PC2-5300F; ECC;
	12 slots divided into 2 branches with 2
	ots per channel for PC2-5300F modules with
	DC, Memory Mirroring and hot-spare option,
	possible per branch with module pairs
Flash-EPROM	
	floppy disk; Remote BIOS-Update via LAN
with Global Flash and s	service partition
Interfaces	T
Serial	1x RS-232-C (9-pin) (usable for iRMC
0-2-1/ 2 >	or system or shared)
Serial (option)	1x RS-232-C (9-pin) occupies PCI-slot 1
Parallel (option)	Centronics, 25-pin, EPP/ECP comp.
Kaybaard Mayaa	(occupies PCI-slot 5) 2x PS/2
Keyboard, Mouse USB 2.0	
USB 2.0	2x front, 2x back; (OHCI, 480 Mbit/s) 2x internal
Graphics	1x VGA (15-pin)
Orapriics	
·	
LAN	2x RJ45, 1x Service10/100 (can be switched
LAN	
LAN Front Panel	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)
Front Panel On/off switch; NMI-, res	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port) set button; LEDs for global error (amber/
Front Panel On/off switch; NMI-, resyellow for Health and 0	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode)	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode) Onboard controller **	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  set button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCle slot	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  set button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  set button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with  RAID 0, 1 (Integrated Mirroring Enhanced
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCle slot	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  et button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068)	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCle slot	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068)	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068) or LSI 1078	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068)  or LSI 1078 LAN	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068)  or LSI 1078 LAN	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  set button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux) with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068)  or LSI 1078 LAN	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  set button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux) with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN Integrated Remote Management Controller
Front Panel On/off switch; NMI-, resyellow for Health and C (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068) or LSI 1078 LAN (2x BroadCom5708)	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  et button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN  Integrated Remote Management Controller (iRMC S2, 32 MB attached memory) incl.
Front Panel On/off switch; NMI-, resyellow for Health and 0 (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCle slot either (LSI 1068)  or LSI 1078  LAN (2x BroadCom5708)	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  et button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN  Integrated Remote Management Controller (iRMC S2, 32 MB attached memory) incl. graphics controller, IPMI 2.0 compatible
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Front Panel On/off switch; NMI-, resyellow for Health and ((green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCle slot either (LSI 1068)  or LSI 1078  LAN (2x BroadCom5708)  Server management  TPM (option) Hard disk drives (all hot-plug)	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN  Integrated Remote Management Controller (iRMC S2, 32 MB attached memory) incl. graphics controller, IPMI 2.0 compatible Infineon / 1.2  36, 73, 146, 300 Gbyte 3.5-inch SAS and/or 250, 500, 750 Gbyte 3.5-inch SATA or 36, 73, 146 Gbyte 2.5-inch SAS optional; 3.5-inch SAS / SATA Mix only in separate RAID sets, no later conversion 3.5 to 2.5-inch
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068)  or LSI 1078  LAN (2x BroadCom5708)  Server management  TPM (option) Hard disk drives (all hot-plug)  1 Gbyte equals one billion byte capacity may vary.  I/O Slots  5x PCIe x8, x4 wired lo slots can be combined	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN  Integrated Remote Management Controller (iRMC S2, 32 MB attached memory) incl. graphics controller, IPMI 2.0 compatible  Infineon / 1.2  36, 73, 146, 300 Gbyte 3.5-inch SAS and/or 250, 500, 750 Gbyte 3.5-inch SATA or 36, 73, 146 Gbyte 2.5-inch SAS optional; 3.5-inch SAS / SATA Mix only in separate RAID sets, no later conversion 3.5 to 2.5-inch swhen referring to hard disk drive capacity; accessible  w profile (from 4 PCIe slots each two wired x4 to one wired x8 slot)
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068)  or LSI 1078  LAN (2x BroadCom5708)  Server management  TPM (option) Hard disk drives (all hot-plug)  1 Gbyte equals one billion byte capacity may vary.  I/O Slots  5x PCIe x8, x4 wired lo slots can be combined 1 x PCI-X 64-bit / 133 N	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN  Integrated Remote Management Controller (iRMC S2, 32 MB attached memory) incl. graphics controller, IPMI 2.0 compatible  Infineon / 1.2  36, 73, 146, 300 Gbyte 3.5-inch SAS and/or 250, 500, 750 Gbyte 3.5-inch SATA or 36, 73, 146 Gbyte 2.5-inch SAS optional; 3.5-inch SAS / SATA Mix only in separate RAID sets, no later conversion 3.5 to 2.5-inch swhen referring to hard disk drive capacity; accessible  w profile (from 4 PCIe slots each two wired x4 to one wired x8 slot)
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCIe slot either (LSI 1068)  or LSI 1078  LAN (2x BroadCom5708)  Server management  TPM (option) Hard disk drives (all hot-plug)  1 Gbyte equals one billion byte capacity may vary.  I/O Slots  5x PCIe x8, x4 wired lo slots can be combined 1 x PCI-X 64-bit / 133 N Drive bays	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN  Integrated Remote Management Controller (iRMC S2, 32 MB attached memory) incl. graphics controller, IPMI 2.0 compatible  Infineon / 1.2  36, 73, 146, 300 Gbyte 3.5-inch SAS and/or 250, 500, 750 Gbyte 3.5-inch SATA or 36, 73, 146 Gbyte 2.5-inch SAS optional; 3.5-inch SAS / SATA Mix only in separate RAID sets, no later conversion 3.5 to 2.5-inch swhen referring to hard disk drive capacity; accessible  w profile (from 4 PCIe slots each two wired x4 to one wired x8 slot)  MHz, low profile; 3.3 V
Front Panel On/off switch; NMI-, resyellow for Health and (green), power (amber/activity, LAN mode) Onboard controller ** ESB2-T SAS configuration in internal PCle slot either (LSI 1068)  or LSI 1078  LAN (2x BroadCom5708)  Server management  TPM (option) Hard disk drives (all hot-plug)  1 Gbyte equals one billion byte capacity may vary.  I/O Slots  5x PCle x8, x4 wired lo slots can be combined 1 x PCI-X 64-bit / 133 N	2x RJ45, 1x Service10/100 (can be switched on Gbit LAN port)  eet button; LEDs for global error (amber/CSS), identification (blue), hard disks access green); (back: global error, identification, LAN  2 x SATA channel for DVD + backup  8 port SAS for internal HDD's and internal backup devices with RAID 0, 1 (Integrated Mirroring Enhanced also for odd numbered HD's for Windows and Linux)  with RAID 0, 1, 10, 5, 50, 6, 60 (256 or 512 MB RAID Cache and opt. BBU)  2x 10/100/1000 Mbit/s Ethernet (TCP/IP accelerator)(PXE-Boot via LAN from PXE server), iSCSI Boot (also diskless) via onboard LAN  Integrated Remote Management Controller (iRMC S2, 32 MB attached memory) incl. graphics controller, IPMI 2.0 compatible  Infineon / 1.2  36, 73, 146, 300 Gbyte 3.5-inch SAS and/or 250, 500, 750 Gbyte 3.5-inch SATA or 36, 73, 146 Gbyte 2.5-inch SAS optional; 3.5-inch SAS / SATA Mix only in separate RAID sets, no later conversion 3.5 to 2.5-inch swhen referring to hard disk drive capacity; accessible  w profile (from 4 PCIe slots each two wired x4 to one wired x8 slot)

for optional	1x 5 25/0 5 inch for CD or DVD BOM	
for optional accessible drives	1x 5.25/0.5-inch, for CD or DVD-ROM 1x 3.5/0.5-inch for LSP or LSD or FD	
doccosible drives	1x 3.5/1.6-inch for backup occupies 2x 3.5 or	
	6x 2.5-inch HDD bay	
System fan units (hot-plug)		
Standard / redundant (option): 1 + 1 units, 4 fans each		
Electrical values	de contrar at a standard	
1x Hot-plug power supply unit as standard. Additional hot-plug unit for redundancy option		
Output power	700 W / 1 + 1 x 700 W each	
Rated voltage range	100 - 240 V	
Rated frequency	50-60 Hz	
Max. rated current	100 V - 240 V / 8.0 A – 3.5 A	
Rated current in basic	100 V - 240 V / 4.2 A – 1.4 A	
configuration	726 W	
Active power Apparent power	726 W 737 VA	
Heat emission		
	2614 kJ/h (2477 btu/h)	
Temperature/Noise/Dimensions/Weight  Ambient temperature 10°C - 35°C (DIN IEC 721-3-3) class 3		
porataro	ETSI 300 019-2-3 Class 3.1	
Declared noise emission	n idle* operating* *(ISO 7779)	
according to ISO 9296	ETSI 300 753 Class 3.1	
L <sub>WAd</sub> (1 B = 10 dB)	6.9 B 6.9 B	
L <sub>pAm</sub> (bystander position	1) 52 dB 52 dB	
Overall measures Rack mount depth / U	85.9 * 482.6 * 785 (mm); (HxWxD) : 745 mm / 2 U,	
Rack cable depth:	100 mm (900mm Rack recommended)	
Rack integration kit	Telescopic Rails with full extraction or	
J. Company	partial extraction optional	
Weight	~ 25 kg (configuration dependent)	
Compliance with Norr	ns and Standards	
Product safety	[	
Global / Europe	IEC 60950-1 / EN 60950-1	
USA Canada	UL 60950-1 CAN/CSA-C22.2 No. 60950-1	
Electromagnetic compatibility		
This product and the rele	ased accessories, are in compliance with	
emission class A. In certa	ain cases measures have to be taken to reduce	
Europe	ence to other equipment.  EN 55 022 class A, EN 55024,	
Europe	EN61000-3-2 / -3-3, ETSI EN300386	
Taiwan / Japan	BSMI class A; VCCI class A /JEIDA	
Australia / New Zealan		
USA / Canada	FCC class A	
Declaration of conformity		
Europe (CE)	2004/108/EC(EMV);2006/95/EC(LVD))	
North America FCC class A		
Approvals		
Product safety Global / Europe	CB / CE	
USA / Canada	CSA <sub>US</sub> / CSA <sub>C</sub>	
There is general compliance with the safety requirements of all		
European countries and North America. National approvals required		
in order to satisfy statutory regulations or for other reasons, can be		
applied for on request.		
Supported server operating systems		
See actual release status operating systems: e.g. Windows Server		
2003; Windows Server 2008, Novell SUSE Linux Enterprise Server, Red Hat Enterprise Linux; VMware ESX (Support of Debian, Ubuntu,		
Mandriva Linux and other Linux derivatives on demand)		
** For supported controllers (onboard and PCI cards for SAS, SATA,		
RAID, LAN, WAN, etc.), please refer to the corresponding system		
configurator		
Server Management (see separate data sheets)		
Standard: PRIMERGY ServerView Suite; PDA, ASR&R  Optional ServerView Local Service Panel (LSP) or Local		
	ervice Display (LSD), ServerView Remote	
Management, iRMC S2 Advanced Pack		
	<u> </u>	

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