

RS300-E6/PS2

Green Server with High Expandability & Upgradability

RS300-E6/PS2 is a single-socket rack-mount server based on Dual-Core/Quad-Core Intel® 3400 series processor and Intel® 3420MCH chipset, which provides immediate performance scale up and high expandability and upgradability in the 1U server.

Specifications

Processor / System Bus	1 x Socket 1156 Quad Core Intel Xeon 3400 series Server Processor Quad Core Intel Core i7-800 series Desktop Processor★ Quad Core Intel Core i5-700 series Desktop Processor★ Dual Core Clarkdale CPU design Ready ☆ * The Core i7/i5 series desktop processors support DDR3 1333/1066 unbuffered DIMM with non-ECC only.
Core Logic	Intel® 3420 PCH
ASUS Features	ASWM2.0
Memory	Total Slots: 6 /4 (Lynnfield/Clarkdale) (2 Channels) Capacity: Maximum up to 32GB (RDIMM) (Lynnfield)/ Maximum up to 16GB (UDIMM) (Lynnfield/Clarkdale) Memory Type: DDR3 1066/1333 Reg DIMM/ Unbuffered DIMM with ECC Memory Size: 1GB 2GB 4GB 8GB* (RDIMM)/ 1 GB, 2GB, 4GB (UDIMM)
Expansion Slots	Total Slots: 2 Slot Type: 1 * PCI-E 2.0 x16 slot (x 8 link) (Full-Height/HL) 1 * PCI-E 2.0 x8 slot (x 8 link) (Low profile/HL)
Storage	SATA Controller: Intel® 3420: 2 SATA2 300MB/s ports Intel Matrix Storage (for Windows only) (Support software RAID 0, 1) LSI® MegaRAID (for Linux/Windows) (Support software RAID 0, 1)
HDD Bays	2 x Hot-swap 3.5
Networking	LAN: 2 * Intel 82574L + 1 * Mgmt LAN
Graphic	VGA: Aspeed AST2050 8MB
Auxiliary Storage	1 x 5.25" Optical Device Bay (Options: No Device / DVD-ROM / DVD-RW)
On Board I/O	1 x External Serial Port 3 x RJ-45 ports (One for ASMB4-iKVM) 4 x USB2.0 ports (Front * 2, Rear * 2)

	1 x PS/2 Keyboard port 1 x PS/2 Mouse port
OS Support	Windows® Server 2008 Enterprise 32/64-bit Windows® Server 2003 R2 Enterprise (32/64 bit) RedHat® Enterprise Linux AS5.0 (32/64 bit) SuSE® Linux Enterprise Server 10 (32/64 bit) (Subject to change without any notice)
Anti-virus Software	Optional Anti-Virus CD Pack
Management Solution	Software: ASWM2.0 Out of Band Remote Management: Optional ASMB4-iKVM for KVM-over-IP support
Safety	US/Canada (UL1950-CSA950) Europe (CE, EN55022 compliance to EU Directive 89/366/EEC) Europe (TUV)
EMI	US (FCC, CFR47 Part 15, Class A) Europe (CE, EN55022 & EN55024) Australia (C-TICK) Taiwan (BSMI) China (CCC)
Dimensions without Packing	615 mm (H) x 444 mm (W) x 43.4 mm (D)
Net Weight Kg (CPU, DRAM and HDD not included)	15 Kg
Power Supply	350W Single Power Supply 80PLUS
Environment	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% (Non condensing)
Accessories	1 x User's Guide 1 x ASUS ASWM2.0 User's Guide 1 x Support CD 1 x Bag of Screws
Optional Items	5.25" DVD-ROM or DVD-RW Drive ASMB4-iKVM Remote Management Card CPU Heatsink Semi-Ball Bearing Rail Kit CA eTrust Anti-virus Software CD

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
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