

# RS700D-E6/PS8

## Duo Nodes with Independent Power Supply in 1U Server

Supporting Intel® Xeon® 5500 series processor, RS700D-E6/PS8, the dual 2-Processor systems provide extreme performance for customers with 4-way, 16-core computing capability in 1U. The design of 1~8 hot swap 2.5" SATA/SAS HDDs support is space-saving with its normal form factor.

### Specifications

Processor / System Bus	2 x Socket 1366 per Node Quad-Core Intel® Xeon® X5500 Series (95W) Quad-Core Intel® Xeon® E5500 Series (80W) Quad-Core Intel® Xeon® L5500 Series (60W/38W) Quad Core/Dual Core QPI 4.8 /5.86 /6.4 GT/s
Core Logic	Intel® 5500 IOH Intel® ICH10R I/O Controller
Memory	<b>Total Slots:</b> 12 DIMMs per Node (3-channel per CPU, 6-DIMM per CPU) <b>Capacity:</b> Maximum up to 96GB (RDIMM) per Node; Maximum up to 48GB (UDIMM) per Node <b>Memory Type:</b> DDR3 1066/1333 Reg DIMM/ Unbuffered DIMM with ECC <b>Memory Size:</b> 1GB 2GB 4GB 8GB * (RDIMM); 1GB 2GB 4GB (UDIMM)
Expansion Slots	<b>Total Slots:</b> 1 per Node <b>Slot Type:</b> 1 * PCI-E 2.0 x16 slot(x16 link)(Low profile/Half-Length) per Node
Storage	<b>SATA Controller:</b> Intel® ICH10R: 4 SATA2 300MB/s ports Intel Matrix Storage (for Windows only) (Support software RAID 0, 1, 10 & 5) LSI® MegaRAID (for Linux/Windows) (Support software RAID 0, 1, 10)
HDD Bays	4 x Hot-swap 2.5 per Node (Total 8 x 2.5" HDD in 1U )
Networking	<b>LAN:</b> 2 * Intel 82574L + 1 * Mgmt LAN per Node
Graphic	<b>VGA:</b> Aspeed AST2050 8MB
On Board I/O	per Node: 1 x External Serial Port 3 x RJ-45 ports (One for ASMB4-iKVM) 3 x USB2.0 ports (Front * 1, Rear * 2) 1 x VGA port 1 x Internal A Type USB Port
OS Support	Windows® Server 2008 Enterprise 32/64-bit Windows® Server 2003 Enterprise R2 SP2 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	<b>Software:</b> ASWM2.0 <b>Out of Band Remote Management:</b> 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	43.4 mm (H) x 686 mm (W) x 444 mm (D)
Net Weight Kg (CPU, DRAM and HDD not included)	16.5 Kg
Power Supply	770W (80+) Cold-Swap Power Supply per Node
Environment	<b>Operation temperature:</b> 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C <b>Non operation humidity:</b> 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 1 x AC Power Cable 1 x Semi-Ball Bearing Rail Kit
Optional Items	ASMB4-iKVM Remote Management Card CPU Heatsink 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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