RS-200-RPS-D

2U Rackmount System with Intel® Xeon™ DP Processor 3.2 GHz/12 GB DDR/Six SCSI HDDs/Dual Gigabit LAN
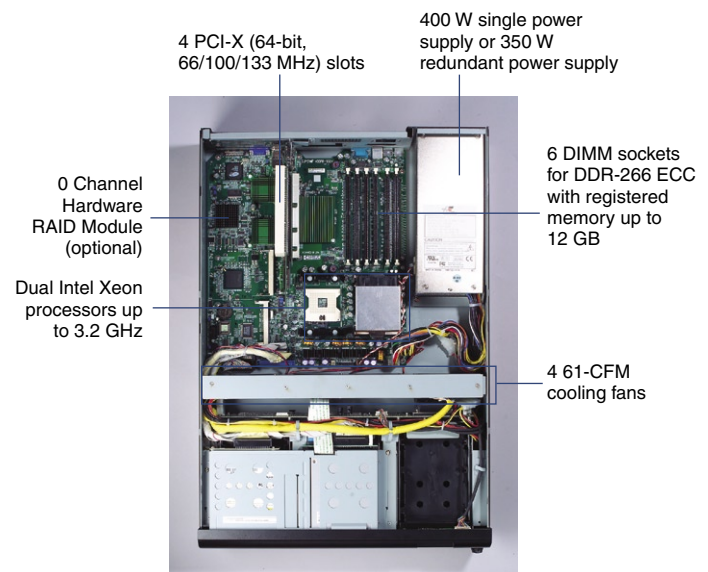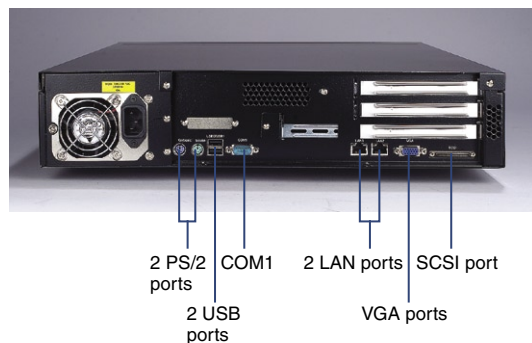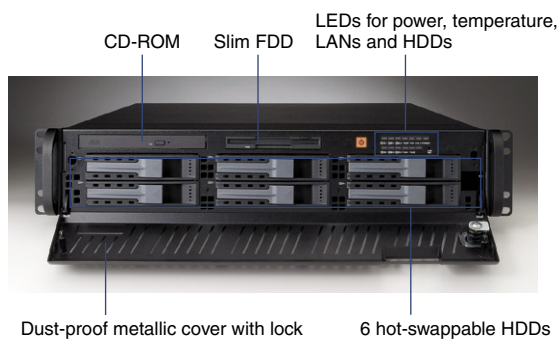
Features

- Compact 2U-sized rackmount server, front cover with key lock
- Dual Intel® Xeon™ processors up to 3.2 GHz
- Intel E7501 chipset, supports 400/533 MHz FSB
- Six DIMM sockets for DDR-266 registered SDRAM with ECC support, up to 12 GB
- Dual channel Ultra 320 SCSI controller
- Zero-channel hardware RAID option
- Dual Gigabit (10/100/1000Base-T) LAN ports
- Four PCI-X (64-bit,66/100/133 MHz) slots
- 400 W or redundant 350 W (1+1) ATX power supply
- Server management, supports IPMI-based software for remote monitoring

CE UL FCC

Introduction

Compact and Heavy-duty System with Large Storage Capacity

The RS-200-RPS-D series are compact 2U rackmount systems that provide flexible and suitable solutions for ISPs, telecommunication, Industrial Automation, VOD and space constrained data centers. The RS-200-RPS-D is comprised of Advantech's in-house designed server , which supports either dual Intel Xeon processors 3.2 GHz or higher CPU speeds, up to 12 GB of registered ECC DDR-266 SDRAM and 400/533 MHz FSB. The RS-200-RPS-D with Intel E7501 chipset, supports PCI-X bus at 64-bit/66/100/133 MHz, and comes with four PCI-X expansion slots. Designed to be easily configurable, the RS-200-RPS-D includes six hot-swappable SCSI storage devices, compact floppy disk drive, and CD-ROM drive. Complete I/O functions include: Intel 82546EB dual Gigabit Ethernet controllers, with support for 10Base-T, 100Base-T and 1000Base-T through RJ-45 connectors. The system cooling fans provide superior ventilation and thermal performance. The alarm function detects chassis temperature, LANs, HDDs and power failure that display on LED indicators on the front panel. The optional IPMI MIB-based management module enables remote hardware and power on/off monitoring.

CD-ROM Slim FDD LEDs for power, temperature, LANs and HDDs

Dust-proof metallic cover with lock 6 hot-swappable HDDs

2 PS/2 ports COM1 2 LAN ports SCSI port

2 USB ports

VGA ports

4 PCI-X (64-bit, 66/100/133 MHz) slots

400 W single power supply or 350 W redundant power supply

0 Channel Hardware RAID Module (optional)

Dual Intel Xeon processors up to 3.2 GHz

6 DIMM sockets for DDR-266 ECC with registered memory up to 12 GB

4 61-CFM cooling fans

Specifications

Processor System	CPU	Intel Xeon, up to 2	
	Max. Speed	3.2 GHz	
	L2 Cache	512 KB/1 MB/2 MB	
	Chipset	Intel E7501	
	BIOS	Award 4 Mb Flash	
Bus	Front Side Bus	400/533 MHz	
	PCI Extension	PCI-X 64-bit, 100 MHz (low profile) x 1 PCI-X 64-bit x 3 (up to 133 MHz)	
Memory	Technology	DDR-266 registered SDRAM with ECC support	
	Max. Capacity	12 GB	
	Socket	184-pin DIMM x6	
Graphic	Controller	ATI RAGE XL PCI	
	VRAM	8 MB SGRAM	
Ethernet	Interface	10/100/1000Base-T x 2	
	Controller	Intel 82546EB	
	Connector	RJ-45 x 2	
SCSI	Interface	Ultra320	
	Controller	Adaptec 7902W	
	Max. Data Transfer Rate	320 MB/sec.	
	Channel	2	
RAID Support	Zero-channel RAID module (optional)		
Drive Bay	3.5" HDD	6 (hot-swap, SCA-2 SCSI)	
	Slim FDD	1	
	Slim CD-ROM	1	
I/O Interface	USB	2 (USB 1.1 compliant)	
	Serial	1 (RS-232), up to 2 ports	
	PS/2	2 (mouse x 1, keyboard x 1)	
	CRT	1	
Cooling	Fan	4 (61 CFM each)	
Operating System	Compatibility	Windows NT4.0/2000/2003, Red Hat Linux 7.3/8.0/9.0/Advanced Server 2.1/3.0, Novell Netware 6.5, SCO Unix Ware 7.1.3, FreeBSD 4.5	
Management	Indicator	LED for power, temperature, LAN, IDE/SCSI and HDD (w/HDD activity indicator)	
Miscellaneous	Control	Momentary power switch	
	Slider Rail	Bundled, 22" long	
Power Supply	Watt	400 W or 350 W ATX (1+1 redundant, 350 W/each)	
	Input	AC 90 ~ 264 V @ 47 ~ 63 Hz, full range	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 75 °C (-4 ~ 167 °F)
	Humidity	5 ~ 85 % @ 40 °C (104 °F)	5 ~ 95 %
Physical Characteristics	Dimensions (W x H x D)	426 x 88x 600 mm (16.7" x 3.46" x 23.6")	
	Weight	20.35 Kg (45 lb)	

Dimension Diagram
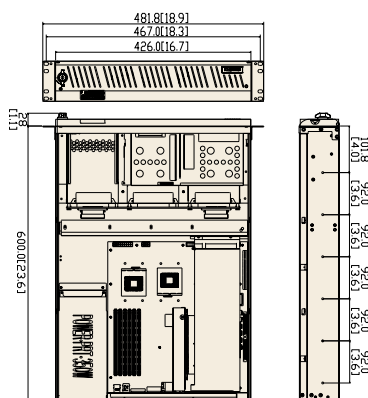
Unit: mm (inch)

Ordering Information

Part Number	Power Supply
RS-200-RPS-D	Single 400 W power
RS-200-RPS/R-D	Redundant 350 W (1+1) power

Accessory Options

Part Number	Description
9686000171	ZCR 2015S HW RAID module
9680000036	IPMI 1.5 module
9680000185	2 slots riser card PCI 64bit, 5V