

RS-200-RP-C

2U Rackmount, e-Server System with Intel® Xeon™ Processor (Prestonia) 3.06 GHz/16 GB DDR/Six SCSI HDDs/Dual Gigabit LAN



Features

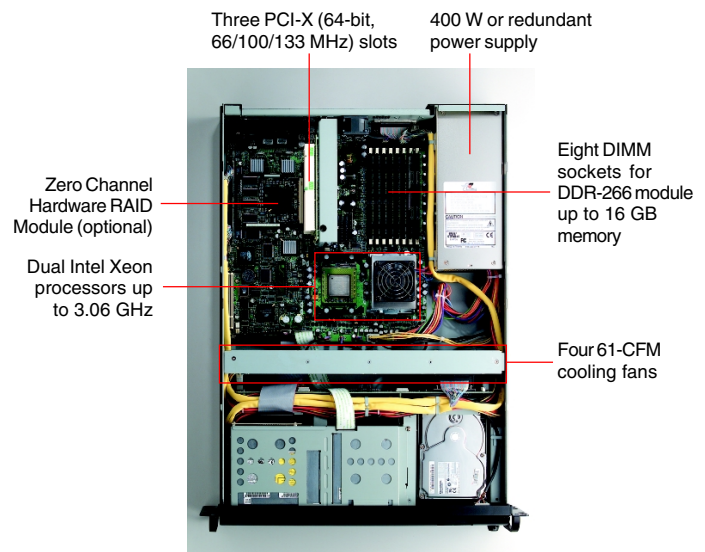
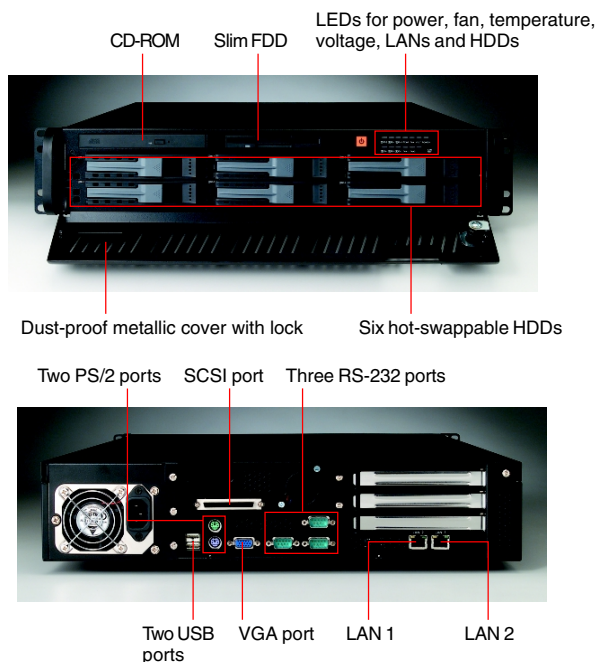
- Compact 2U sized rackmount server, front cover with key lock
- Dual Intel® Xeon™ processors 1.8 ~ 3.06 GHz (Prestonia)
- ServerWorks ServerSet GC-LE chipset, supports 400/533 MHz FSB
- Eight DDR DIMM sockets for DDR-266 module with ECC and register, up to 16 GB (dependent on OS support)
- Dual channel Ultra 320 SCSI controllers, each channel data transfers rate up to 320 MB per second
- Zero-channel hardware RAID option
- Dual Gigabit (10/100/1000Base-T) LAN ports
- Three PCI-X (64-bit, 66/100/133 MHz) slots
- 400 W or redundant 350 W (1+1) ATX power supply
- Server management, supports SNMP MIB-based software for remote monitoring
- OS supports Win 2K/XP, Red Hat Linux 7.3, FreeBSD 4.5

NEW

Introduction

The RS-200-RP series are compact 2U rackmount servers that provide flexible and suitable solutions for ISPs, telecommunications applications, Industrial Automation, VOD and space constrained data centers. The servers are comprised of Advantech's in-house designed server-engineered motherboards, which supports either dual Intel Xeon processors 3.06 GHz or higher CPU speeds of up to 16 GB of registered, ECC, DDR-266 SDRAM, 400/533 MHz FSB. The RS-200-RP-C with ServerWorks GC-LE chipset, supports PCI-X bus at 64-bit/66,100,133 MHz, and comes with three PCI-X expansion slots. Designed to be easily

configurable, the RS-200-RP-C includes six hot-swappable SCSI storage devices, compact floppy disk drive, and CD-ROM drives. Complete I/O functions include: dual Broadcom BCM5703 Gigabit Ethernet controllers, with support for 10Base-T, 100Base-TX and 1000-Base-T through RJ-45 connectors. The system cooling fans provide superior ventilation and thermal performance. The front panel LED indicators and alarm system detects fan speed, chassis temperature, system voltage, HDD and power supply failure that allows remote monitoring through optional SNMP MIB-based management software.



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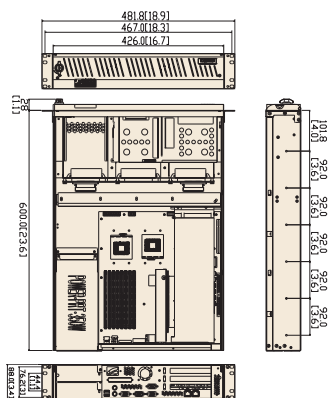
Date of Publication: 2003-07-14

Specifications

Processor System	CPU	Intel Xeon x 2
	Max. Speed	1.8 ~ 3.06 GHz
	L2 Cache	512 KB
	Chipset	ServerWorks ServerSet GC-LE
	BIOS	Award 4 Mb Flash
Bus	Front Side Bus	400/533 MHz
	PCI	64-bit/66, 100, 133 MHz
	PCI Expansion	64-bit/66 MHz x3, 64-bit/100 MHz x2 or 64-bit/133 MHz x1
Memory	Technology	DDR-266 registered SDRAM with ECC support
	Max. Capacity	16 GB
	Socket	184-pin DIMM x8
Graphic	Controller	ATI RAGE XL
	VRAM	8 MB SGRAM
Ethernet	Interface	10/100/1000Base-T
	Controller	Broadcom BCM5703 x2
	Connector	RJ-45 x2
SCSI	Interface	Ultra 320
	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	3 (RS-232)
	PS/2	2 (mouse x1, keyboard x1)
	CRT	1
Cooling	Fan	4 (61 CFM/each)
Operating System	Compatibility	Windows 2000/XP, Red Hat Linux 7.3, FreeBSD 4.5
Management	Indicator	LED for power, fan, temperature, voltage, LANs and HDDs (w/HDD failure indicator)
	System Monitoring	SMC-2000 (optional)
Miscellaneous	Control	Momentary power switch and alarm mute 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	Temperature	Operating: 0 ~ 40 °C (32 ~ 104 °F) Non-Operating: -20 ~ 75 °C (-4 ~ 167 °F)
	Humidity	5 ~ 85 % @ 40 °C (104 °F) 5 ~ 95 %
	Physical	Dimensions (W x H x D)
	Weight	14.4 Kg (31.7 lb)

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Dimension Diagram



Unit: mm (inch)

Ordering Information

Part Number	Dual SCSI Channels	Power Supply
RS-200-RP-R4R3C	Each SCSI channel can support 3 SCSI HDDs	350 W (1+1 redundant, 350 W/each)
RS-200-RP-R4S6C	Internal SCSI channel can support 6 SCSI HDDs, external SCSI for backup and storage expansion	350 W (1+1 redundant, 350 W/each)
RS-200-RP-S4S6C	Internal SCSI channel can support 6 SCSI HDDs, external SCSI for backup and storage expansion	400 W

Parts Information

Part Number	Descriptions
1757940030	400 W power supply
1757935010	350 W ATX redundant power supply
1759252700	Fan module

Accessory Options

Part Number	Descriptions
9686000171	ZCR 2015S HW RAID module
9689000673	Slider rail