RS-200-RT

2U Rackmount, e-Server System with Dual Intel®Pentium®III Processors 1.4 GHz/ 4 GB SDRAM/Six SCSI HDDs/Triple LAN
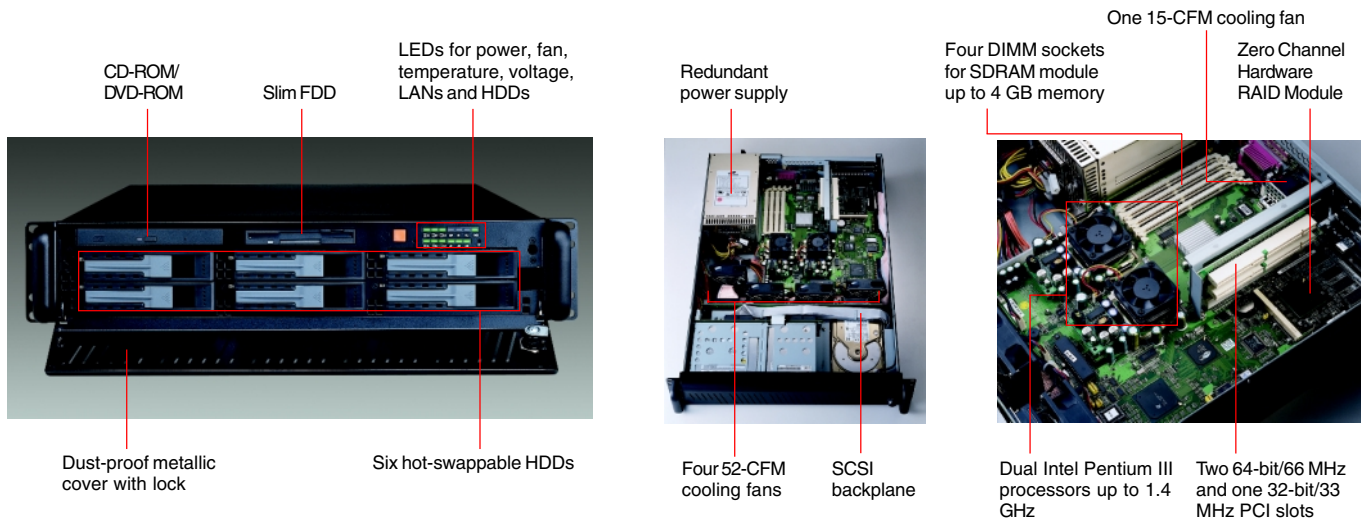

Features

- Dual Intel® Pentium® III processors up to 1.4 GHz
- ServerWorks ServerSet 30LE chipset supports 133 MHz FSB up to 4 GB memory (depends on OS support)
- Dual Ultra 160 SCSI channels
- Zero-channel hardware RAID (RAID 0, 1, 5)
- Triple 10/100 LAN ports (one port for option)
- Two 64-bit/66 MHz and one 32-bit/33 MHz PCI slots

Introduction

The RS-200-RT series consists of a 2U compact, rackmount e-Server that provides flexible solutions suitable for ISPs, telecommunications, VOD and space constrained data centers. Designed to provide high capacity and reliability, the RS-200-RT series has six hot-swappable SCSI drive bays with hardware RAID module. The servers include Advantech's in-house designed server-engineered motherboards specially designed for high performance. The RS-200-RT series has complete I/O functions including dual Intel 82559 Fast Ethernet controllers with support for 10Base-T and 100Base-TX through RJ-45 connectors. The cooling fans provide superior ventilation and thermal performance.

CD-ROM/ DVD-ROM | Slim FDD | LEDs for power, fan, temperature, voltage, LANs and HDDs

Redundant power supply

One 15-CFM cooling fan

Four DIMM sockets for SDRAM module up to 4 GB memory | Zero Channel Hardware RAID Module

Dust-proof metallic cover with lock | Six hot-swappable HDDs

Four 52-CFM cooling fans | SCSI backplane

Dual Intel Pentium III processors up to 1.4 GHz | Two 64-bit/66 MHz and one 32-bit/33 MHz PCI slots

CE ⓊL FCC

ADVANTECH

Specifications

Processor System	CPU	Intel Pentium III x2	
	Max. Speed	1.4 GHz	
	L2 Cache	512/256 KB	
	Chipset	ServerWorks ServerSet 30LE	
	BIOS	Award 2 Mb Flash	
Bus	Front Side Bus	133 MHz	
	PCI	64-bit/66 MHz; 32-bit/33 MHz	
	PCI Expansion	64-bit/66 MHz x2 and 32-bit/33 MHz x1	
Memory	Technology	PC-133 registered SDRAM with ECC support	
	Max. Capacity	4 GB	
	Socket	168-pin DIMM x4	
Graphic	Controller	ATI RAGE XL	
	VRAM	8 MB SGRAM	
Ethernet	Interface	10/100Base-TX	
	Controller	Intel 82559 x2	
	Connector	RJ-45 x3	
SCSI	Interface	Ultra 160	
	Controller	Adaptec 7899W	
	Max. Data Transfer Rate	160 MB/sec.	
	Channel	2	
RAID Support	Zero-channel RAID (Adaptec Rapter) module		
Drive Bay	3.5" HDD	6 (SCA-2 SCSI)	
	Slim FDD	1	
	CD-ROM	1	
I/O Interface	USB	2 (USB 1.1 compliant)	
	Serial	1 (RS-232)	
	Parallel	1	
	PS/2	2 (mouse x1, keyboard x1)	
	CRT	1	
Cooling	Fan	5 (223 CFM total)	
Operating System	Compatibility	Windows NT4.0/2000, Red Hat Linux 7.x, FreeBSD 4.x	
Management	Indicator	LED for power, fan, temperature, voltage, LANs and HDDs (w/HDD failure indicator)	
	System Monitoring	SNMP MIB-based software (optional)	
Miscellaneous	Control	Momentary power switch and alarm mute switch	
Power Supply	Watt	300 W ATX/300 W (1+1 redundant, 300 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 ~ 85 %
Physical	Dimensions (W x H x D)	482 x 88 x 600 mm (19" x 3.46" x 23.6")	
	Weight	14.4 Kg (31.7 lb)	

Dimension Diagram

600.00mm [23.62"]
29.50mm [1.16"]
426.00mm [16.77"]
481.60mm [18.97"]
88.00mm [3.46"]

Unit: mm (inch)
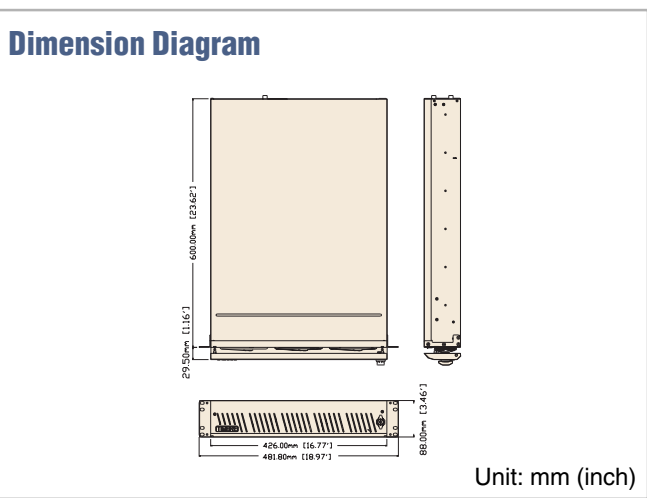
Ordering Information

Part Number	Dual SCSI Channels	Power Supply
RS-200-RT-R3-R3	Each SCSI channel can support 3 SCSI HDDs	300 W (1+1 redundant, 300 W/each)
RS-200-RT-R3-S6	Internal SCSI channel can support 6 SCSI HDDs, external SCSI for backup and storage expansion	300 W (1+1 redundant, 300 W/each)
RS-200-RT-S3-S6	Internal SCSI channel can support 6 SCSI HDDs, external SCSI for backup and storage expansion	300 W

Parts Information

Part Number	Descriptions
1757930019	300 W ATX power supply
1757930018	300 W redundant power supply
1759250600	Fan moudle

Accessory Options

Part Number	Descriptions
9686000073	ZCR 2005S HW RAID module
96960210A0	LAN module for 3rd LAN port
9689000424	Slider rail
9696022341	CPU terminal for RS-100/200-RT