RS-100-RF   1U Servers

1U Rackmount e-Server with Dual Intel® Pentium® III 1 GHz/4 GB SDRAM/ Triple SCSI HDD/Dual LAN

Features

- Compact 1U size rackmount server
- Dual Intel Pentium III processors up to 1 GHz
- ServerWorks ServerSet 30LE chipset, supports 133 MHz FSB
- Four DIMM sockets for SDRAM up to 4 GB
- Dual Channel SCSI controllers, support three hot swap Ultra 160 SCSI HDDs
- One Slim CD-ROM and FDD Drives
- On-board VGA with 8 MB SGRAM
- Dual 10/100Base-TX LAN and one optional LAN module for third LAN
- One 64-bit/66 MHz PCI slot
- Slim 300 W switching power supply
- Server management supports SNMP MIB-base remote monitoring
- OS support for Windows NT4.0, Windows 2000, RedHat Linux 6.2, and FreeBSD 4.1
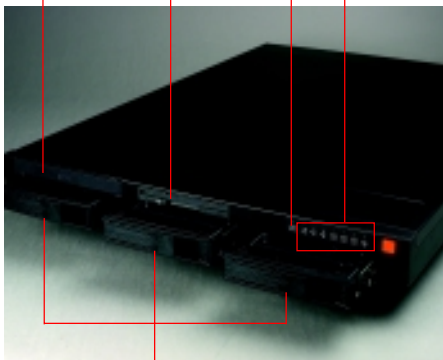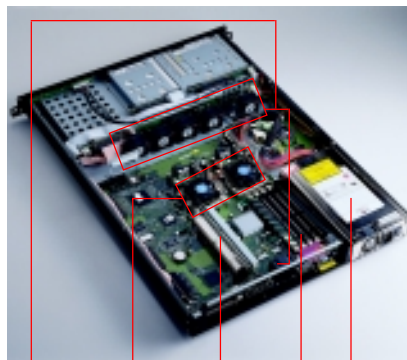
CE   (UL)   FCC

Introduction

The RS-100-RF is a 1U high, rack-mountable e-Server designed for high-density Internet service providers and enterprises. The RS-100-RF characterized as being deployable and manageable, the RS-100-RF which providing flexible solutions designed to meet the needs of ISPs, telecommunications and space constrained data centers. The RS-100-RF servers pack powerful hardware configurations into compact form factors that allow flexible installation and replacement. The server-strength hardware includes powerful processors on server-engineered motherboards, high-speed hot-swappable SCSI storage devices, high-speed network interfaces, and specially designed fault detection and management festures.

e-Server Systems

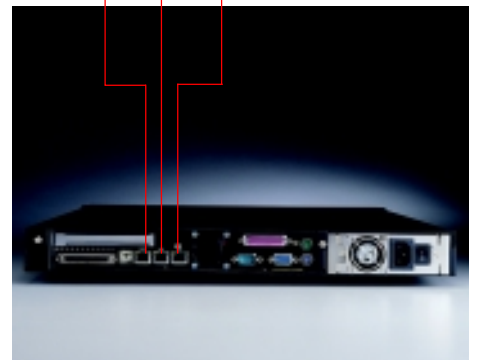CD-ROM   FDD Drive   Alarm Reset   Alarm LAN 1 LAN 2 HDD 1 HDD 2 HDD 3 power   LAN3 LAN2 LAN1

Three hot-swappable Ultra 160 SCSI HDDs   Six 10-CFM fans   One PCI slot   Power supply   Dual 10/100Base-TX LAN and one optional LAN module for third LAN

Dual Intel Pentium III CPU   4 GB SDRAM and 4 DIMM sockets

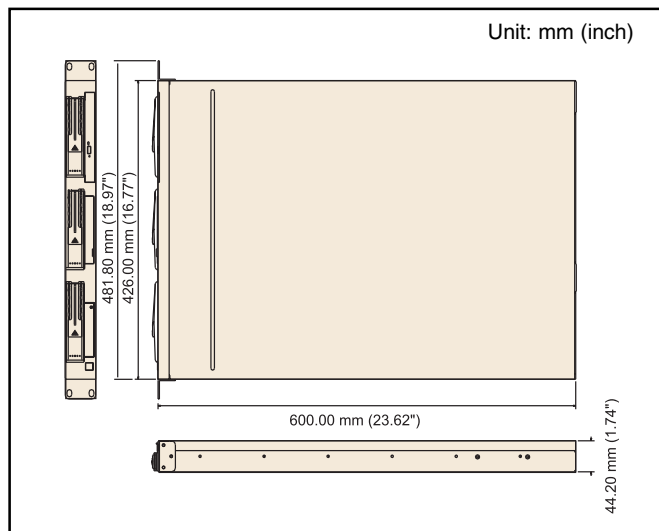# ADVANTECH

Specifications

Processor System	CPU	Intel Pentium III x2	
	Max. Speed	1 GHz	
	L2 Cache	256 KB	
	Chipset	ServerWorks ServerSet 30LE	
	BIOS	Award 2 Mb Flash	
Bus	Front Side Bus	133 MHz	
	PCI	64-bit/66 MHz	
Memory	Technology	PC-133 registered SDRAM with ECC	
	Max. Capacity	4 GB	
	Socket	DIMM x4	
Graphic	Controller	ATI RAGE XL	
	VRAM	8 MB SGRAM	
Ethernet	Interface	10/100 Base-TX	
	Controller	Intel 82559 x 2	
	Connector	RJ-45 x 3	
SCSI	Interface	Ultra 160	
	Controller	LSI Sysbios SYM53C1010	
	Max. Data Transfer Rate	160 MB/sec.	
	Channel	2	
Drive Bay	3.5" HDD	3 (hot-swappable)	
	Slim FDD	1	
	CD-ROM	1	
I/O Interface	USB	2	
	Serial	1 (RS-232)	
	Parallel	1	
	PS/2	2 (mouse x1, keyboard x1)	
	VGA	1	
	SCSI	1	
Cooling	Fan	6 (60 CFM total)	
Operating System	Compatibility	Windows NT4.0, Windows 2000, Linux RedHat 6.2, FreeBSD 4.1	
Management	Indicators	LED for power, alarm, HDD, and LAN	
	System Monitoring	SNMP MIB-base software (optional)	
Power Supply	Watt	300 W	
	Input	AC 90 ~ 264 V full range @ 47 ~ 63 Hz	
Miscellaneous	Control	Momentary power switch and alarm reset switch	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 70 °C (-68 ~ 158 °F)
	Humidity	5 ~ 85 % @ 40 °C (104 °F)	5 ~ 85 %
Physical	Dimensions (W x H x D)	482 x 44 x 600 mm (19" x 1.7" x 23.6")	
	Weight	8 kg (17.6 lb)	

Dimension Diagram

Unit: mm (inch)

481.80 mm (18.97")
426.00 mm (16.77")
600.00 mm (23.62")
44.20 mm (1.74")

Ordering Information

Model Name	Chipest	Power Supply	HDD
RS-100-RF-GL	ServerWorks ServerSet 30LE	300 W	3 (SCA- hot-swappable)

Accessory Options

Ordering P/N	Descriptions
9689000424	Slider Rail
96960210A0	Third LAN module
9696022341	CPU Terminator

e-Server Systems