Features

- Intel® Pentium® 4 processor up to 2.4 GHz
- SiS651 chipset supports 400/533 MHz FSB up to 3 GB DDR-266 memory
- Dual 10/100 LAN ports
- Integrated VGA with AGP 4X

Introduction

The RS-100-SF series consists of a 1U rackmount e-Server that provides flexible solutions suitable for ISPs, telecommunications, CT, VOD and Industrial automation. Designed to meet stringent data storage requirements, the RS-100-SF series has two IDE HDD drive bays. The servers include Advantech's in-house designed server-engineered motherboards. The RS-100-SF series has complete I/O functions, including dual Intel 82559ER Fast Ethernet controllers with support for 10Base-T and 100Base-TX through RJ-45 connectors.

Momentary power switch   CD-ROM   LED for power, HDDs, LANs

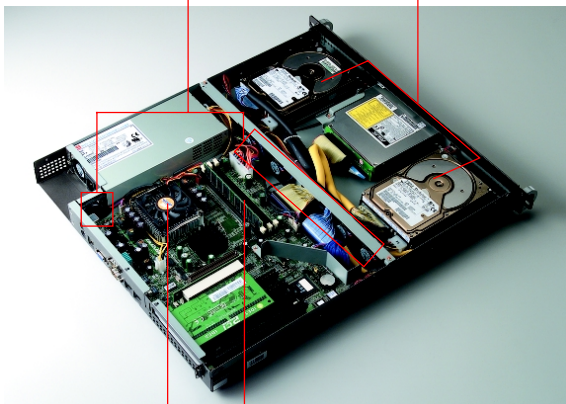3.5" FDD

Two USB ports   VGA port   COM 2   LAN 1
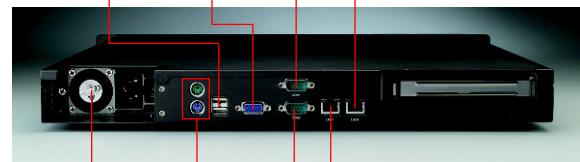
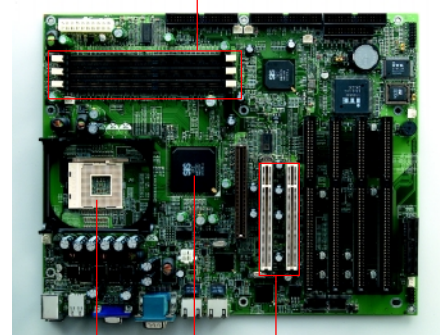Power supply   Two PS/2 ports   COM 1   LAN 2

Five 15-CFM cooling fans   Two internal IDE 3.5" drive bays

Intel Pentium 4 processor up to 2.4 GHz   Three DDR-266 DIMM sockets

Three DDR-266 DIMM sockets

Intel Pentium 4/ Celeron processor up to 2.4/1.8 GHz   SiS651 chipset   2 PCI bus slots

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Specifications

Processor System	CPU	Intel®Pentium®4	Celeron®/Micro PGA 478 package
	Max. Speed	2.4 GHz	1.8 GHz
	L2 Cache	512 KB	128 KB
	Chipset	SiS651	
	BIOS	Award 2 Mb Flash	
Bus	Front Side Bus	400/533 MHz	
	PCI	32-bit/33 MHz	
	PCI Expansion	32-bit/33 MHz x1	
Memory	Technology	DDR-266 SDRAM	
	Max. Capacity	3 GB	
	Socket	184-pin DIMM x 3	
Graphic	Controller	Integrated in SiS651 with AGP 4X	
	VRAM	Shared with system memory up to 4/8/16/32/64 MB	
Ethernet	Interface	10/100Base-TX	
	Controller	Intel 82559ER x2	
	Connector	RJ-45 x2	
Drive Bay	3.5" HDD	2 IDE (internal)	
	3.5" FDD	1	
	CD-ROM	1	
I/O Interface	USB	2 (USB 1.1 compliant)	
	Serial	2 (RS-232)	
	PS/2	2 (mouse x1, keyboard x1)	
	CRT	1	
Cooling	Fan	5 (15 CFM/each)	
Operating System	Compatibility	Windows 98/ME/2000/XP, Red Hat Linux 7.x, FreeBSD 4.x, QNX R6.1	
Management	Indicator	LED for power, LANs and HDDs	
Miscellaneous	Control	Momentary power switch	
Power Supply	Watt	200 W ATX	
	Input	AC 90 ~ 264 V @ 47 ~ 63 Hz, full range	
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 ~ 95 %
Physical	Dimensions (W x H x D)	482 x 44 x 502 mm (19" x 1.7" x 19.76")	
	Weight	20.5 Kg (45.1 lb)	

Dimension Diagram

426.0 [16.77]
482.6 [19.00]
426.0 [16.77]
44.2 [1.74]
92.0 [3.62] 92.0 [3.62] 92.0 [3.62] 92.0 [3.62]
502.0 [19.76]

Unit: mm (inch)
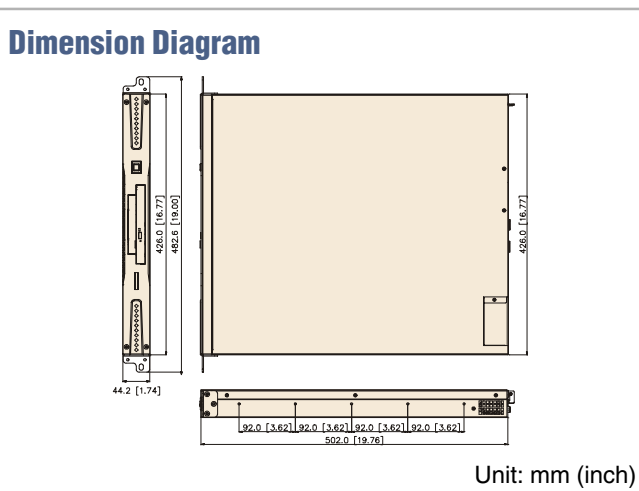
Ordering Information

Part Number	Expansion	HDD	Power Supply	CD-ROM/FDD
RS-100-SF	1 PCI slot	2 IDE HDD bays	200 W	1/1

Accessory Options

Part Number	Descriptions
9689000424	Slider rail