

RS-100-SF-B2

**1U Rackmount System with Intel® Pentium® 4/Intel® E7210/4 GB DDR/
Dual Gigabit Ethernet/Dual HDDs/
Two SATA with RAID 0, 1 Support/
PCI-X Expansion Slot**



CE UL FCC

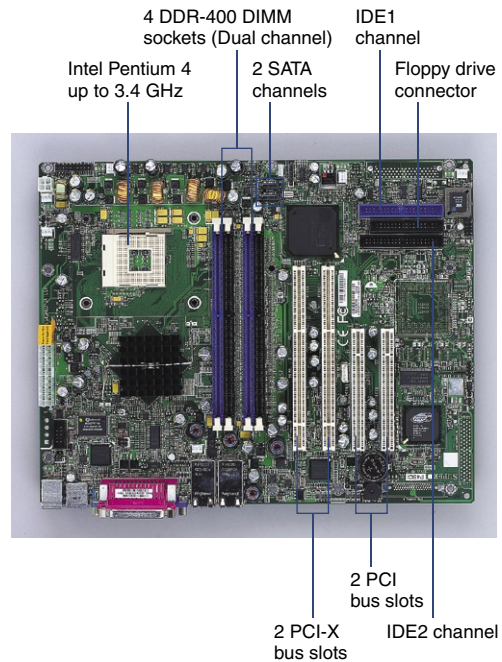
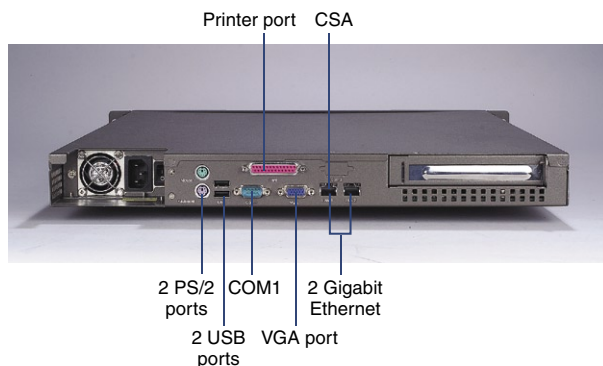
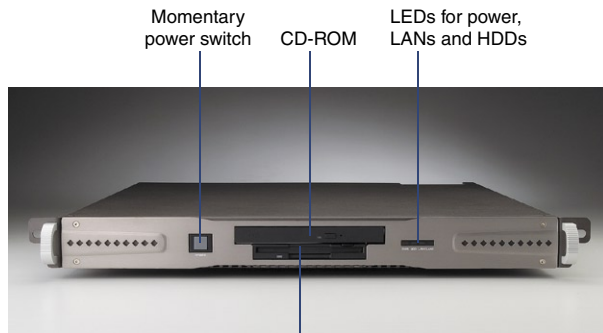
Features

- Intel® Pentium® 4 processor up to 3.4 GHz
- Intel E7210 chipset supports 400/533/800 MHz FSB
- Dual channel DDR-266/333/400 memory in 4 DIMMs up to 4 GB
- Dual Gigabit (10/100/1000Base-T) LAN ports
- Integrated VGA with ATI Rage XL
- SATA controller (ESB 6300) for 2 SATA drivers with RAID 0,1 support
- One PCI-X (64-bit, 66 MHz) slot

Introduction

Compact and Economic SMB System

The RS-100-SF-B2 consists of a 1U rackmount system that provides a flexible solution for ISPs, telecommunication, CT, VOD and Industrial Automation. It includes the Intel E7210 chipset to provide and ensure high performance. Designed to meet stringent data storage requirements, the RS-100-SF-B2 series has two IDE HDD drive bays. The system has complete I/O functions, including Intel 82547 and 82541 Gigabit Ethernet controllers with support for 10Base-T, 100Base-T and 1000Base-T through RJ-45 connectors.



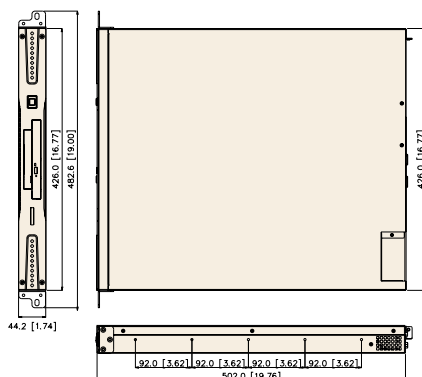
Specifications

Processor System	CPU *	Intel Pentium 4/Pentium 4 Extreme Edition	Celeron Microprocessor PGA 478 package
	Max. Speed	3.4 GHz	2.8 GHz
	L2 Cache	512 KB/1 MB/2 MB	128 KB
	Chipset	Intel E7210 + ESB 6300 (HanceRapid)	
	BIOS	Award 4 Mb Flash	
Bus	Front Side Bus	400/533/800 MHz	
	PCI	64-bits/66 MHz	
	PCI-X Extension	64-bits/66 MHz x 1	
Memory	Technology	Dual channel DDR-266/333/400	
	Max. Capacity	4 GB	
	Socket	184-pin DIMM x 4	
Graphic	Controller	ATI RAGE™ XL PCI	
	VRAM	8 MB	
Ethernet	Interface	10/100/1000Base-T	
	Controller	Intel 82547 (CSA) + Intel 82541	
	Connector	RJ-45 x 2	
Drive Bay	3.5" HDD	2	
	Slim 3.5" FDD	1	
	Slim CD-ROM	1	
EIDE	Mode	ATA 100/66/33	
	Channel	2	
Serial ATA	Controller	ESB 6300	
	Max. Data Transfer Rate	150 MB/sec.	
	Channel	2	
RAID	Build-in SATA RAID 0,1		
I/O Interface	USB	2 (USB 2.0), up to 4 USB ports	
	Serial	1 (RS-232), up to 2 ports	
	PS/2	2 (mouse x 1, keyboard x 1)	
	CRT	1	
Cooling	Fan	5 (15 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, LAN and HDD	
Miscellaneous	Control	Momentary power switch	
Power Supply	Watt	300 W ATX	
	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 Characteristics	Dimensions (W x H x D)	482 x 44 x 502 mm (19" x 1.7" x 19.76")
	Weight	11 Kg (24 lb)	

*Note: All CPUs must be 0.13-micron or 90-nano technology.

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Dimension Diagram



Unit: mm (inch)

Ordering Information

Part Number	Expansion	HDD	Power Supply	CD-ROM/FDD
RS-100-SF-B2	1 PCI-X slot	2 IDE HDD bays	300 W	1/1

Accessory Options

Part Number	Description
9680000733	Slider rail