

RS-400-SF 4U Servers

**4U Rackmount, e-Server System with Intel® Pentium® 4 (Northwood) CPU/
3 GB DDR/HDD/Dual LAN**

Features

- Intel® Pentium® 4 processors up to 2.4 GHz
- SiS650 chipset supports 400 MHz FSB up to 3 GB DDR-266 Memory
- Dual 10/100 LAN ports
- Integrated VGA with AGP 4X
- 1 AGP 2X/4X slot
- 2 PCI slots, 4 ISA slots and 1 CNR slot



CE UL FCC

Introduction

The RS-400-SF series consists of a 4U rackmount e-Server that provides flexible solutions suitable for ISPs, telecommunications, CT, VOD and Industrial automation. Designed for high capacity and reliability of data storage requirement, the RS-400-SF series has two swappable IDE HDD drive bays. The servers include Advantech's in-house designed server-engineered motherboards specially designed for the highest performance. The RS-400-SF series has complete I/O functions including dual Intel 82559ER Fast Ethernet controllers with support for 10BaseT and 100BaseTX through RJ-45 connectors. It is the first motherboard with Pentium 4 and ISA bus support. The RS-400-SF server owns 1 AGP 4X slot, 2 PCI slots, 4 ISA slots and 1 CNR slot.

e-Server Systems

CD-ROM

Power reset

LEDs for power and HDD

One 37-CFM cooling fan

Thermal cables

Hold-down clamp

3 GB SDRAM and 3 DDR-266 DIMM sockets

Power switch

3.5" FDD

One swappable IDE HDD cartridge

Easily replaceable fan filter

One 86-CFM hot-swap cooling fan

Intel Pentium 4/ Celeron processor up to 2.4/1.8 GHz

2 PCI bus slots

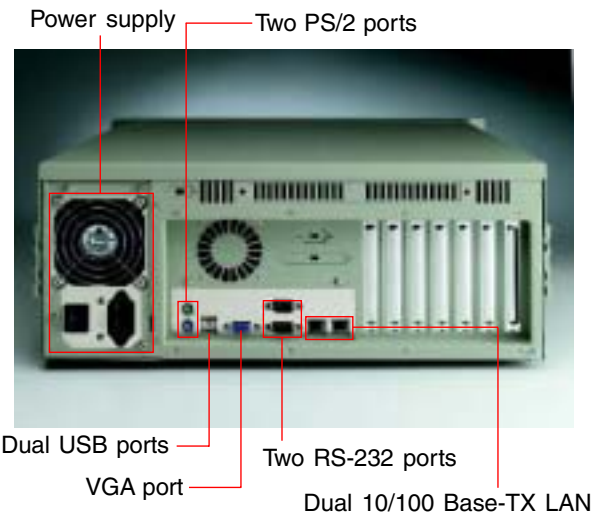
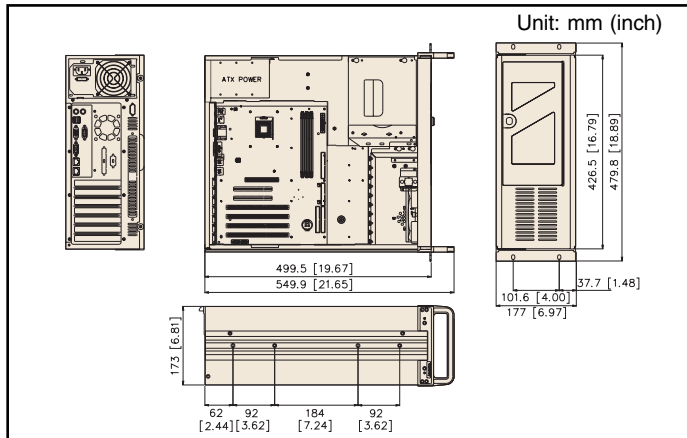
SiS650/651 chipset

4 ISA bus slots



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• All specifications are subject to change without notice

Dimension Diagram



Specifications

Processor System	CPU	Intel Pentium 4/ Celeron
	Max. Speed	2.4 GHz/1.8 GHz
	L2 Cache	512 KB/128 KB
	Chipset	SiS650
	BIOS	Award 2 Mb Flash
Bus	Front Side Bus	400 MHz
	PCI	32-bit/33 MHz
Memory	Technology	DDR-266 SDRAM
	Max. Capacity	3 GB
	Socket	DDR-266 DIMM x 3
Graphic	Controller	Integrated in SiS650 with AGP 4X
	VRAM	Shares with system memory up to 4/8/16/32/64 MB
Ethernet	Interface	10/100 Base-TX
	Controller	Intel 82559ER x2
	Connector	RJ-45 x2
Expansion	AGP	1 AGP 4X slot
	PCI	2 PCI bus slots
	ISA	4 ISA bus slots*
	CNR	1 CNR slot**
Drive Bay	3.5" HDD	1 swappable IDE HDD cartridge and 2 fixed HDD space
	3.5" FDD	1
	52 X speed CD-ROM	1
I/O Interface	USB	2
	Serial	2 (RS-232)
	Parallel	1 (Accessory)
	PS/2	2 (mouse x1, keyboard x1)
	CRT	1
Cooling	Fan	2 (86 CFM & 37 CFM)
Operating System	Compatibility	Windows 98/ME/2000/XP, Linux Red Hat 7.x, FreeBSD 4.x, QNX R6.1
Management	Indicator	LED for power, LANs and HDDs
Miscellaneous	Control	Momentary power switch
Power Supply	Watt	300 W or 400 W ATX
	Input	AC 90 ~ 264 V Full Range @ 47 ~ 63 Hz
Environment	Temperature	Operating: 0 ~ 50 °C (32 ~ 122 °F) Non-Operating: -20 ~ 70 °C (-68 ~ 158 °F)
	Humidity	5 ~ 85 % @ 40°C (104 °F) 5 ~ 95 %
	Dimension (W x H x D)	482 x 177 x 502 mm (19" x 7" x 19.76")
Physical	Weight	20.5 kg (45.1 lb)

Note: * not support DMA mode
 ** supports Modem only

Ordering Information

Model Name	Expansion	HDD	Power Supply	CD-ROM/FDD
RS-400-SF	2 PCI slots, 4 ISA slots, 1 AGP 4X slot, 1 CNR slot	3 IDE HDD spaces	300 W	1/1
RS-400-SF-S4	2 PCI slots, 4 ISA slots, 1 AGP 4X slot, 1 CNR slot	3 IDE HDD spaces	400 W	1/1