

NAS 5251

4U Network Attached Storage (NAS) Platform with Ten SCSI HDDs/Dual Gigabit LAN



NEW

Features

- NAS application ready platform
- Ten hot-swappable SCSI hard drives
- Dual Gigabit Ethernet
- 64-bit/66 MHz PCI architecture
- Supports hardware RAID levels 0, 1, and 5
- Scalable capacity through SCSI interface

Introduction

Networking Attached Storage Application Ready Platform, Designed for High Capacity and High Performance Requirement

The NAS 5251 is an ideal platform for consolidating existing storage and adding incremental storage to workgroups, offices, or enterprise networks. It connects directly to existing local area networks by offering simple management, and conserving valuable IT resources.

The NAS 5251 is designed and approved to meet Microsoft Windows Powered SAK, Windows 2000..., which can meet high inter-compatibility with various high capacity applications.

Outstanding Value, Lower Total Owner Cost

The ten hot-swappable SCSI HDD drive bays offer scalability and reliability, through the approved SCSI and hardware RAID technology, the maximum

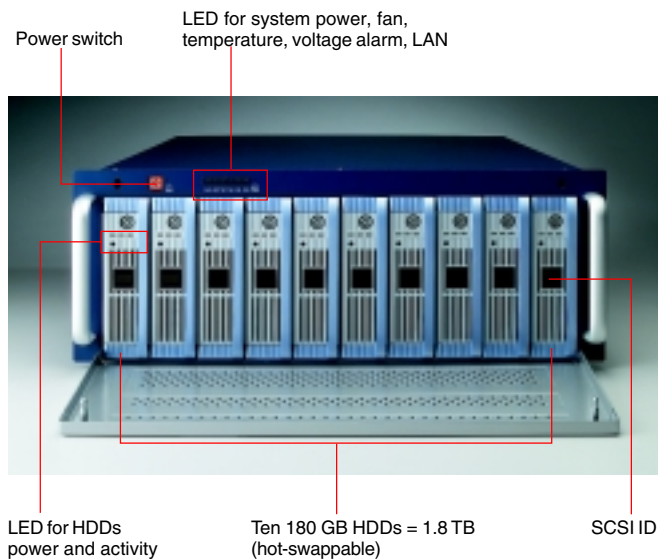
storage capacity is scalable up to 4 disk arrays.

The 64-bit/66 MHz hardware architecture plus Gigabit Ethernet's fine-tuned Windows Powered NAS software offer incredible performance features.

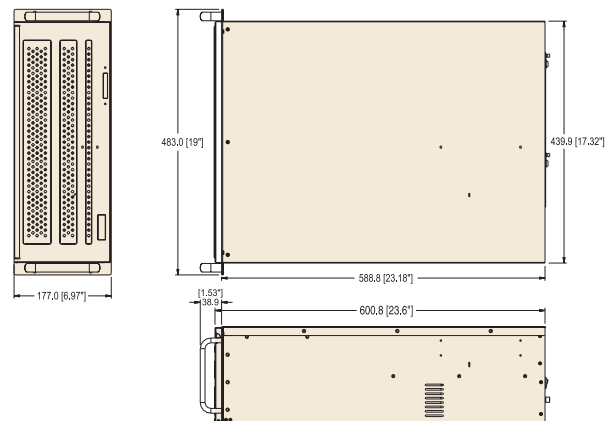
Powerful Data Protection

The NAS 5251 offers you the flexibility to configure a reliable storage system for your network. The system can be configured as individual independent disks and can provide data protection via RAID 1 or RAID 5 (which supports hot-spares).

Dual Gigabit Ethernet network connections provide maximum networking throughput performance and networking features like fail-over and trunking features. It supports up to dual Pentium III 1.4 GHz CPUs which offer ideal computing power to keep performance high.



Dimension Diagram



Unit: mm (inch)

CE FCC

Specifications

Processor System	CPU	Single or dual Intel® Pentium® III	
	Max. Speed	1.4 GHz	
	L2 Cache	128/256/512 KB	
	Chipset	ServerWorks ServerSet 30LE	
Bus	Front Side Bus	100/133 MHz	
	PCI	64-bit/66 MHz	
	PCI Slot Available	1 for optional 64-bit/66 MHz PCI adapter	
Memory	Technology	PC-133 registered SDRAM with ECC support	
	Max. Capacity	4 GB	
	Socket	168-pin DIMM x4	
Ethernet	Interface	10/100/1000Base-TX x2 (with fail over/load balance)	
	Controller	Broadcom 5701 x2	
	Connector	RJ-45 x2	
SCSI	Interface	Ultra 160	
	Controller	Adaptec 7899 W	
	Max. Data Transfer Rate	160 MB/sec.	
	Channel	2 (one internal, one external)	
Hardware RAID	Controller	Adaptec Zero-channel hardware RAID supports RAID 0, 1, 5	
	RAID Cache	48 MB	
Drive Bay	3.5" HDD	10 (Ultra 160 SCSI) 1.6" inch height; SCA-2 80-pin hot-swappable	
I/O Interface	Serial	1 (RS-232)	
	VGA	1 (for local configuration)	
	PS/2	2 (mouse x1, keyboard x1)	
Management	Indicator	LED for system power, fan/temperature/voltage alarm, LAN active x2; LED for HDDs ID/power/active	
	System Monitoring	Power, fan/temperature/voltage alarm	
Miscellaneous	Control	Power-on, buzzer-off	
Power Supply	Watt	400 W (1+1 redundant, 400 W/each)	
	Input	AC 90 ~ 264 V @ 47 ~ 63 Hz, full range	
Environment	Temperature	Operating	Non-Operating
		0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 75 °C (-4 ~ 167 °F)
	Humidity	5 ~ 95 % @ 40 °C (104 °F)	5 ~ 95 %
Physical	Dimensions (W x H x D)	482 x 177 x 600 mm (19" x 6.9" x 23.6")	
	Weight	27 Kg (59.5 lb) (w/o HDDs)	

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Expansion Unit - REU-4110

Drive Bay	3.5" HDD	10 (Ultra 160 SCSI) 1.6" inch height; SCA-2 80-pin hot-swappable	
I/O Interface	SCSI	One SCSI external port	
Management	Indicator	LED for system power, HDDs ID/power/active	
Miscellaneous	Control	Power-on	
Power Supply	Watt	400 W (1+1 redundant, 400 W/each)	
	Input	AC 90 ~ 264 V @ 47 ~ 63 Hz, full range	
Environment	Temperature	Operating	Non-Operating
		0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 75 °C (-4 ~ 167 °F)
	Humidity	5 ~ 95 % @ 40 °C (104 °F)	5 ~ 95 %
Physical	Dimensions (W x H x D)	482 x 177 x 600 mm (19" x 6.9" x 23.6")	
	Weight	23 Kg (50.7 lb) (w/o HDDs)	

Ordering Information

Part Number	Processor	DRAM	HDD	Power Supply	Software OS
NAS 5251	--	--	--	400 W ATX (1+1 redundant, 400 W/each)	--

Accessory Options

Part Number	Descriptions
REU-4110	RAID expansion unit with 400 W (1 + 1) redundant power supply without HDD
1700681001	Ultra160 SCSI external cable, M-M, 1M