

Dual 1+1 Power Supplies

Hot-Swap Drive Bays

Dual 1-Gb/s Host



1U 8-bay

NASX<sup>2</sup>™ Controller

1U Form Factor

# NAS

Please call for Part Codes

## Features

- Supports four or eight one-inch 3.5" IDE (ATA-100/133) hard drives
- 1U, 19" rack-mount or tower form factor
- Dual 1-Gb/s and one 10/100 Ethernet network host connections
- Support for Ethernet port trunking, fail-over and multiple-subnets
- Hot-swap hard drive bays
- Front LCD display for quick setup (US-0040)
- Supports built-in snapshot and remote data replication
- Single or redundant (1+1) power supplies
- Hot-swap fans & blowers
- Configuration, setup & monitoring using any standard browser
- Optional SCSI module for direct tape backup support

## Hardware Specifications

- Intel® PIII 1-Ghz Processor, 256KB L2 cache
- Intel® Celeron® 850Mhz Processor (US-0040)
- 256MB controller cache (expandable up to 512MB)
- Intel® 82540EM Gigabit controllers



1U 4-bay

## NAS Models

Model	Description
Please Call	4-bay Tower NAS, 250w P/S, and PATA
Please Call	4-bay Tower NAS, Dual 1+1 200w P/S, and PATA
Please Call	1U 4-bay, 1+1 Power, PATA to Dual 1-Gb/s Ethernet
Please Call	1U 8-bay, 1+1 Power, PATA to Dual 1-Gb/s Ethernet
Please Call	SCSI Module to support connection directly to a tape backup drive
Please Call	19" Cabinet mounting rails



Tower

\*Single Power Supply

\*\*Product specifications subject to change without notice

## NASX<sup>2</sup>™ Network Storage Controller v2.0 Features

### Dimensions (D x W x H) & Weight

- **Tower:**
  - 10.4" x 6.9" x 10.4"
  - 26mm x 17.4mm x 26mm
  - Weight: 20 lbs (9.07kg) w/o HDD
- **4-bay:**
  - 19" x 16.8" x 1.73"
  - 487mm x 427.4mm x 44mm
  - Weight: 22 lbs (10kg) w/o HDD
- **8-bay:**
  - 29" x 16.8" x 1.73"
  - 736.8mm x 427.4mm x 44mm
  - Weight: 32.2 lbs (14.6kg) w/o HDD

### Power Supply Specifications

- **Tower**
  - Quantity: 1
  - Power: 250W with PFC
  - Input rating: 100~240V AC  
50~60Hz (auto-switching)
  - Power output: +5V@25A  
+12V@13A  
+3.3V@25A
- **Tower**
  - Quantity: 1+1
  - Power: 200W with PFC
  - Input rating: 100~240V AC  
50~60Hz (auto-switching)
  - Power output: +5V@25A  
+12V@10A  
+3.3V@25A
- **4-bay & 8-bay**
  - Quantity: 1+1
  - Power: 250W with PFC
  - Input rating: 90~264V AC full range, 47~63Hz
  - Power output: +5V@25A  
+12V@16A  
+3.3V@15A

### Network Transport & File System Protocol Support

- Unix network - TCP/IP, HTTP, NFS v2.0 & v3.0
- Microsoft network TCP/IP, CIFS, SMS
- Apple network AppleTalk, TCP/IP, AFP
- Novell network IPX, FTP, HTTPS, DHCP client, Bindery Service NCP

### User and Data Management

- Supports up to 20480 users (including groups)
- Supports up to 1024 groups
- Quota support to allocate storage based on user needs
- Supports file level access control (ACL) for Windows/MAC/NFS
- Directory sharing

### Reliability

- Fail-over or Trunking (Aggregation) support of Gigabit Port, Lan 1 and Lan 2
- Each LAN port can be set to a different subnet
- Status display and alarm for power supplies, HDD, fan and CPU temperature
- SNMP trap MIB II support for SNMP management
- SMTP support for email notification of failure events
- Supports UPS monitoring via RS-232 serial port

### Backup Functions and Utilities

- Backup/Restore NAS system and user data onto any network accessible drive or local tape drive
- Snapshot backup and remote data replication
- Incremental and scheduled backup
- Utility software on CD with replication, backup, and discovery tools

### Network Client Support

- Setup via any HTTP browser
- IP address can be set manually or acquired via DHCP Server
- Unix network Red Hat Linux, Solaris, FreeBSD
- Microsoft network Windows 98, ME, NT4.0, 2000, XP
- Apple network Macintosh 7.x, 8.x, 9.x, OS x
- Novell network IntraNetware clients for Windows

### Logical Volume Management & RAID

- Support for up to 6 volumes of up to 8TB each
- GUI display of volume configuration
- Supports RAID 0, 1, 5, 5 with spare and JBOD
- Auto detects HDD insertion and rebuild

### Security

- Integrates with Microsoft Windows 2000/2003 ADS
- Integrates with Microsoft NT4.0/2000 domain controller (PDC)
- Integrates with Unix Network Information Service (NIS) domain