# Quantum

# Robust, High-Density Network Storage that Installs in Minutes

## Up to 480GB and It Is Still a Snap to Install!

Available in 480GB, 320GB or 240GB capacities, the Snap Server 4100 is the ideal alternative to deploying a traditional large capacity file server. It delivers extraordinary reliability and compatibility with every major operating system and protocol. All this, and the Snap Server 4100 can install in only five minutes at a fraction of the cost for a traditional file server.

**Reliability** The Snap Server 4100 offers maximum data protection with RAID 5 striping with parity (factory default) and RAID 1 mirroring. Efficient design of hardware and the maturity of the embedded OS make the Snap Server extremely reliable and robust.

## Unsurpassed Network Connectivity

The Snap Server 4100 automatically offers Windows, Unix, Linux, NetWare and Macintosh users transparent multi-platform file sharing from the moment you turn it on.

**High Performance** Snap Servers have been engineered for one purpose: network file sharing. The Snap Server 4100 offers RAID 0 with true data striping performance and can easily support a department of 150 or more users.

**Ease of Installation** Installing a Snap Server 4100 is quick, easy and requires no network downtime. Simply plug in the power, connect the RJ-45 Ethernet cable and turn it on.

### Low Total Cost of Ownership (TCO)

Snap Servers are self-contained, require no operating system licenses and are virtually maintenance-free after the initial installation and setup.

## More than Just Storage… The Snap Server 4100 Is a Solution

### Workstation/Laptop Backup

The Snap Server 4100 relieves your laptop and desktop backup headaches. Free PowerQuest DataKeeper software (unlimited user license) provides constant backup of Windows files. Laptop files are backed up to local drives while disconnected from the network, then are automatically saved to the Snap Server 4100 when the laptop is reconnected to the network.

### Software Distribution/Drive or Image Server

Store software images of frequently used configurations on a Snap Server 4100 and distribute them with the available Server-to-Server (S2S) Synchronization Software, PowerQuest's DeployCenter 5.0 or Symantec's Ghost.

## Snap Server 4100 Key Features

- Cross-platform File Sharing for Your Network
- Installs in Less Than Five Minutes
- RAID 5, 1, 0
- Slim 1U Rack Mount
- SNMP Support
- User-, Share- and File-level Security
- No User Licenses
- Available On-site Service and Support
- Available Synchronization Software

# Snap Server 4100/480, 4100/320 and 4100/240

## Network Transport Protocols

TCP/IP
IPX
NetBEUI
AppleTalk

## Network File Protocols

Microsoft Networks (CIFS/SMB)
Novell NetWare (NCP)
UNIX (NFS)
Apple (AFP)
Internet (HTTP 1.0)
File Transport Protocol (FTP)

## Network Security

Integrates with:
Microsoft Active Directory Service (ADS) participation[1]
Microsoft NT Domain Controller
Novell NetWare servers (Bindery)
Local Snap Server user list
User-, Share- and File-level Security
Secure Sockets Layer (SSL) v3

## Network Client Types

Microsoft Windows 95/98/NT 4.0/2000/Me/XP
Novell IntraNetWare clients for Windows
Microsoft NetWare clients
Macintosh System 7.5.5, 7.6, OS 8.x, 9.x, X
Solaris 7, 8
HP-UX 11
AIX 4.3.3
SCO UnixWare 7.1.1
Red Hat Linux 6.2, 7.0, 7.1

## Server Emulation

Windows 2000 participation[1]
Windows NT 4.0
NetWare 3.12
AppleShare 6.0
NFS 3.0

## Network Connection

Auto-sensing 10/100Base-TX, single RJ-45 network connector

## Automatic IP Address Assignment

Supports DHCP, BOOTP and RARP for automatic assignment of IP address

## Multiple File System Options

The Snap Server 4100 can be configured for enhanced performance or max-imum file protection. Options include:
• **RAID 5 (disk striping with parity):** The size of one disk is reserved for parity checking. With four disks, yields 168GB usable capacity for the 4100/240, 224GB usable capacity for the 4100/320 and 336GB usable capacity for the 4100/480 (Factory default)
• **RAID 1 (disk mirroring):** Second set of drives duplicates the first set for maximum data protection (50% usable capacity)
• **RAID 0 (disk striping):** One large virtual drive with data striped across all physical drives (no loss in usable capacity)
• **Individual Independent Disks:** Four separate drives, each seen as a separate volume (JBOD)

## System Management

Web-based Administration
SNMP MIB II
Disk Space Quotas
SMART Disk Failure Analysis
E-mail Notification

## Setup and Configuration

Web-based User Interface for System Administration
Snap OS Interface Supports English (US/UK), French, German and Spanish

## Application Environment

Enables the development of applications based on Java technology

## Client Data Backup

PowerQuest DataKeeper Software (unlimited user license) included for Client Backup of Windows Files
DataKeeper Interface Supports English (US/UK), French, German and Spanish

## Snap Server Network Backup

Compatible with Windows and NetWare Network Backup Software, including VERITAS Backup Exec, Computer Associates ARCserve, Dantz Retrospect and Microsoft Backup Software for Windows 95/98/NT/2000/Me/XP

## Available Server-to-Server Synchronization Software

Allows one or more Snap Servers to synchronize to one or more other Snap Servers

## Physical Specifications

Dimensions
    Width ......................17.0 in (43.2 cm)
    Depth ......................17.0 in (43.2 cm)
    Height ....................1.75 in (4.4 cm), 1U
    Weight ...................19.6 lbs (8.9 kg)

## Agency Certifications

UL, cUL, CE, FCC Class A, C-Tick, Nemko, TuV

## Power

Power Rating: 100-240 VAC, 50-60Hz, auto-sensing
Power Consumption: 60W (steady rate),150W (maximum)
Heat Dissipation: 205 BTUs/hr

## Operating Environment

50˚ F to 95˚ F (10˚ C to 35˚ C)
15% to 90% humidity (non-condensing)
Vibration: .25G at 5-500Hz for 120 minutes
Shock: 6 pulses of 33G for up to 2ms
Altitude: 0 ft to 8,000 ft (0m to 2,438m)

## Non-operating Environment

14˚ F to 140˚ F (-10˚ C to 60˚ C)
5% to 95% humidity (non-condensing)
Vibration: 2G at 5-500Hz for 90 minutes
Altitude: 0 ft to 35,000 ft (0m to 10,668m)

## North American Warranty

Three-year parts and labor limited warranty, plus free technical support and free OS upgrades
Available on-site support

## Models

Snap Server 4100 480GB
Snap Server 4100 320GB
Snap Server 4100 240GB



## For more information contact:

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