

USR8700

# SERIAL ATA 4-DRIVE NETWORK ATTACHED STORAGE

STORAGE SOLUTIONS

The USRobotics Serial ATA 4-Drive Network Attached Storage (NAS) appliance brings sophisticated, cost-effective and safe storage to small businesses, corporate work-groups and advanced households. Four drive bays allow customers to add up to two terabytes (2,000 Gigabytes) of storage. This NAS device includes powerful RAID hardware and software, the industry standard for safe storage across multiple drives, and simple to understand and use wizards. With integrated Gigabit networking and print server capability, it delivers excellent performance, value, functionality and peace of mind while easily expanding shared storage.

## USRobotics

Enterprise-class Network Attached Storage



### *Powerful & Flexible Shared Network Storage*

- Four accessible drive bays to easily customize to meet various storage needs
- Operation as a client member in an Active Directory™ domain
- Supports linear storage use (all drives as one logical drive) or use multiple drives as primary and back-up storage
- Dynamic logical drive sizing - Add an additional drive, when needed, and it will be integrated into the logical drive with no effect on data
- Two USB 2.0 ports support additional external hard drives
- Supports RAID 0, 1, 5 (hardware accelerated), 5+ spare, 10, and JBOD (for USB storage devices)
- Integrated FTP Server for efficient file transfers
- Intel® IOP321 I/O processor based on Intel XScale® technology

### *Share your Printers*

- Integrated print server turns a supported USB printer into a network printer which can be shared among all network users\*

### *Built-in Security*

- User and Group level security settings (No Access, Read Only & Read/Write)
- Folder level security settings with parental inheritance
- Administrative username/password login security for HTML-based configuration utility

### *Advanced Back-up Capabilities*

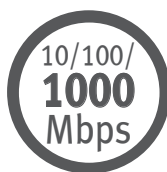
- Integrated Back-up software allows you to make an exact image of a computer's hard drive and restore it completely, in case of a catastrophic failure†
- Supports client remote boot from backup on server using PXE boot or recovery CD

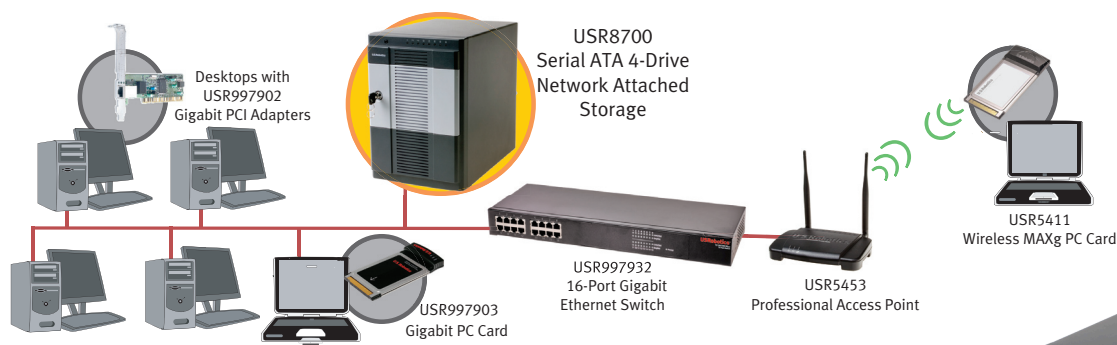
### *Gigabit Connectivity*

- Supports Ethernet connections at speeds of 10/100 Mbps and 1 Gigabit (1000 Mbps)
- Automatically detects, and matches the speed of connected Ethernet devices - 10/100/1000 Mbps
- No cross-over cables required

### *Simple to Install and Use*

- HTML Wizard based tools, accessible via web browser, for initial set up and for configuration after adding or removing drives
- Built-in back-up utility (one client license included, additional can be purchased)





## USR8700 SERIAL ATA 4-DRIVE NETWORK ATTACHED STORAGE



### SPECIFICATIONS & STANDARDS

#### GENERAL

- IEEE 802.3 (Ethernet), IEEE 802.3u (Fast Ethernet), IEEE 802.3ab (Gigabit Ethernet over copper)
- Auto-Sensing 10/100/1000 Mbps
- Auto-MDIX switching ports
- Jumbo Frame support enhances throughput
- Integrated print server functionality
- Intel® IOP321 I/O processor based on Intel XScale® technology

#### STORAGE FEATURES

- A single administrative account
- Support for RAID 0, 1, 10, 5 (hardware accelerated), and JBOD (for USB storage devices)
- Support for dynamically increasing logical drive size.
- User-defined partition and drive names
- CIFS and NFS file system support
- Built-in backup utility with one client license (and ability to activate additional licenses†)
  - BareMetal Recover and Remote Client Boot using PXE Boot or Recovery Disk
- Built-in FTP server with private directory support.
- Support for 128 User and 128 Group level accounts
- Private directories for personal accounts
- Up to 128 folder/drive shares

#### SECURITY

- HTML-based configuration utility with username/password login security
- User and Group level security settings (No Access, Read Only, Read/Write)
- Folder level security settings (sub-folders inherit security settings from parent folder)

#### PHYSICAL

- Four Serial ATA 3.5 in. Drive Bays†
- Locking front drive bay panel/door
- One RJ-45, 10/100/1000 auto-sensing/auto-switching Ethernet LAN port
- Two USB 2.0 ports
- Eight LEDs: Power, Ethernet, USB1/USB2, Disk 1- Disk 4

#### REGULATORY

- EMI - FCC Class B
- Safety - UL, CUL
- EMI & Safety - CE Class B

#### ENVIRONMENTAL

- Temperature
  - Operating Temperature conditions: 0 to 40 degrees C
  - Non-Operating Temperature conditions: -20 to 70 degrees C
- Humidity
  - Operating Humidity conditions: 20% to 80% non-condensing
  - Non-Operating Humidity conditions: 5% to 95% non-condensing

#### MINIMUM SYSTEMS REQUIREMENTS

- HTML configuration is supported by any computer that supports TCP/IP and Web Browser (4.01 specification or greater)
- Print Server works with any printer that supports a page description language (e.g. PostScript, PCL, etc.)

#### PACKAGE CONTENTS

- USRobotics Serial ATA 4-Drive Network Attached Storage
- Ethernet Cable
- Power Cable
- Quick Installation Guide
- Installation CD-ROM with User Manual

#### WARRANTY

- 2-year limited manufacturer warranty from date of purchase

† For optimum reliability, US Robotics recommends that hard-drives used in USR8700 be designed for network attached storage devices or RAID environments.

\* Works with USB printers that support a page description language (e.g. PostScript, PCL, etc.).

† Backup software supports Windows 2000, XP & Server 2003

‡ Supports up to 16 client backups