

XtendLan[®]

XL-NAS-1400SA

1U Rack-Mounted SATA II NAS Subsystems



Storage networks become more and more complex. If you need to easily expand storage capacity while providing uninterrupted high-performance data access across your LAN. You may want to consider a NAS (Network Attached Storage) appliance. When budgets are tight and a quick fix is required, a NAS appliance is a low-cost, efficient solution to dodge that network-to-storage logjam. That's why more and more users select NAS architecture as their storage networking.

The XL-NAS-1400SA(SATA II NAS Subsystem) is a reliable, cost-effective way to add storage to the network. It comes with 4 drive trays accommodating 3.5" SATA II drives while SCA II single connector architecture enables true hot swap capability. Built-in Intel Celeron 1.6G CPU (or above), up to 4GB DDR2 533/667MHz SDRAM and two Gigabit Ethernet ports offers high performance NAS platform. Linux based embedded OS design, it can boot without HDD, FDD or CD-ROM to guarantee reliability and boot quickly. The XL- NAS-1400SA system is managed and configured by Flex/Ruby browser based software, including pre-configure disk capacity, users setting, volume management, quick installed on popular network platform, Multi protocol support, etc...

Equipped with RAID function to offer fault tolerant data protection. It is a full featured data protection supporting RAID levels 0、1、5、6、10, Linear(JBOD).

System reliability is ensured by an environmental monitoring unit, which tracks the enclosure temperature as well as individual disk temperatures. If any irregularity in these systems occurs, the monitoring unit alerts the administrator.

Features

- ▶ Configurable to 19" rack-mountable 1U chassis
- ▶ Supports up to four(4)1" hot-swappable SATA II hard drives
- ▶ Supports RAID levels 0、1、5、6、10, Linear(JBOD)
- ▶ Smart-function LCD panel for RAID setting & ENC status
- ▶ Supports hot spare and automatic hot rebuild
- ▶ Linux based embedded OS design
- ▶ Provides file access services to multiple users over the LAN, the intranet and / or the internet
- ▶ Multi protocol support (TCP / IP, DHCP, Apple Talk, Mac zone, SMB, NFS, CIFS, AFP over TCP / IP)

Series Technical Specifications

Model Number : XL-NAS-1400SA

Hardware Platform

Intel Celeron 1.6G CPU (or above)
 Cache memory: 1GB ~ 4GB DDR2 533/667MHz
 Supports 4 SATA II hard drives
 Two Gigabit Ethernet port
 Environmental monitoring unit
 220W power supply with PFC

Storage

Equipped with RAID function to offer fault tolerant data protection
 Supports RAID levels 0 · 1 · 5 · 6 · 10, Linear(JBOD)
 Volume Management
 Disk usage statistics
 Hot spare capability

Connectivity

SMB over TCP / IP
 NFS over UDP / IP
 CIFS over TCP / IP
 NAT
 DHCP
 FTP
 Internet Server
 Unit acts as a DHCP server
 Unit act as a master browser
 Share level security
 User ID security for NFS

Macintosh Support

AFP over Apple Talk
 AFP over TCP / IP
 Mac zones
 iTunes service

General

File Server Independent
 Localized language support
 Support Quick setup
 Supports trunking / load balance / fail over / LACP(802.3ad)
 Support UPS management
 Support USB printer server
 Support BT download
 iSCSI Target
 Support U-Share

System Management

Windows and Macintosh Client Discover Utility Tool
 Automatic IP address configuration
 Management through Web browser
 Flash upgradeable unit
 Supports Microsoft ADS / PDC and Unix NIS accounts import
 Fail-free online firmware upgrade
 Unicode support

Backup / Restore support

Back Solution

Power Requirements

AC 100V ~ 240V Full Range
 6A ~ 3A, 60 ~ 50Hz

Environmental

Relative Humidity: 10% ~ 85% Non-condensing
 Operating Temp: 10°C ~ 40°C (50°F ~ 104°F)

Physical Dimensions : 44 (H) x 446.4(W) x 506 (D)

Weight : 7.8 Kg (without drives)

Specification are subject to change without notice.

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