

AccuNAS AN4L

64bit 4 Bay NAS + iSCSI with Intel ATOM Dual Core CPU (Black)



Overview

The **AccuNAS AN4L 64 bit** Series offers a performance tuned Network Attached Storage for high capacity network based data storage. The new 64bit OS provides increased performance, enhanced compatibilities and features. More enhanced than most of the 4 bay tower NAS on the market, the AN4L utilizes the power of the Intel ATOM Dual-Core CPU and 1GB of DDR II memory to provide an exceptionally faster performance. With the increased CPU processing power, the AN4L is able to provide enterprise level features such as an iSCSI initiator and target support, snapshot with scheduling and real-time NAS-to-NAS folder replication. Along with a built-in RAID 5 and RAID 6, the AN4L provides enterprise-class features that are normally not included in this product price range.

Features

- Highly efficient OS based on 64 bit Operating Systems.
- An intriguing Web GUI Using Web Browser GUI can configure, access and monitor the NAS/iSCSI.
- High file transfer rate for all types of protocols: NFS, AFP, CIFS, FTP, and iSCSI.
- Robust Journaling File Systems – XFS.
- File-sharing for clients in heterogeneous or mixed OS platforms is supported.
- Supported Protocol and Service:
 - ◆ Supports Client File System – SMB, CIFS, NFS, AFP 3.1, FTP, SFTP.
 - ◆ Support Network Transport Protocols – TCP/IP, SNMP MIBII, AppleTalk, NTP, DHCP, HTTP/HTTPS.
 - ◆ Support Network services – DHCP, ADS/ADDS, NIS, LDAP, NTP Server.
- Support Teaming over 2 or more Gigabit NICs.
- Supports 7 modes of network port bonding: Teaming for Load-Balancing & Fail-Over, 802.3ad.
- Multiple Volume Snapshots, Schedulable & On-Demand.
- NAS-to-NAS Folder Replications: Scheduled Differential and Scheduled Full Copy with Compression.
- Include iSCSI target & initiator functions for IP-SAN infrastructure.
- Remote system monitoring for Fan status, Temperatures, RAID status, HDD status, Network connectivity status.
- Remote Monitoring and Remote Email Notifications.
- Auto email notification for pre-defined events.
- Supports storage quota assignment to group or to individual users, as well as warning when approaching quota full.
- Volume Snapshots supported - Supports multiple Snapshots for ‘point-in-time” user data image against accidental user file deletion and data corruption or virus attack. Snapshot can be scheduled and/or On-Demand
- Build-in iSCSI initiator – a new NAS act as an iSCSI target, and connect it into the existing NAS as if it is part of the local storage.
- Supports local folder creation under each root network share, multi-Level sub-folders supported.
- Network Share can be created based on volume or based on subfolder.

iSCSI Feature

- iSCSI Target function allows a certain portion(s) of the storage to be partitioned as iSCSI volume(s) and assigned to specific host computer, appearing as if a local disk to that host computer.
- Provides block level services (iSCSI) and file services (NAS) in a unified storage system.
- Build-in iSCSI initiator function allows the NAS to mount remote iSCSI target volume as its local physical storage, and expand its storage capacity
- Combination of iSCSI Target and Initiator support between multiple NAS units can be used as one of the method to do Multi-NAS-Aggregation for storage expansions
- Build-in Snapshot support iSCSI volumes
- iSCSI volume supports Microsoft Server 2008 R2 Failover Clustering (SPC-3) and VMware ESX/ESXi Server

Replication Feature

- Tower Based MN4LA+B and AN4L, as well as rackmount based EliteNAS Linux NAS series product line are fully interoperable for folder replications.
- Different models can replicate to each other.
- Scheduled or on-demand replication.
- Build-in Differential Replication allow deploy multiple units in different location via Internet/Intranet.
- Building block of a total enterprise solution.

Specifications

Model	AN4L
Form Factor	4 Bay Enclosure
Processor	Intel ATOM Dual Core Processor
Memory	1GB DDR-2 Memory, up to 4GB
RAID Level	0, 1, 1+0, 5, 6
RAID Engine	Software Embedded RAID Engine
Maximum Capacity	12TB
Hot-Swappable	Yes
Network	10/100/1000 Gigabit Ethernet Ports x2 (Intel 82574L Gigabit Ethernet)
Hard Drive Trays Supported	4 x SATA HDD trays (Support latest 6G 3TB HDD)
Power Supply	200W (100V to 230V)
Control Interface	Web Browser - Supporting IE and Firefox
Dimension (in)	8.5"W x 12.5 "D x 8.0 "H
Weight (lb)	13.0
Safety Regulations	CE, FCC, UL, RoHS
Limited Warranty	1 year
Package Contents	AN4L (1) Ethernet Cable (1) Power Adapter (1) CD & Manual (1) HD Tray Keys (4) Removable Trays (4)