

64bit 4-Bay iSCSI and Windows/MAC/Linux Files Shared Dual Gigabit NAS Server (Black)

The AccuNAS AN12L+B is a performance tuned Windows/MAC/Linux file sharing NAS server dual Gigabit server for high capacity IP based data storage. Much more advanced than most 12-bay Windows/MAC/Linux share + iSCSI towers on the market, the AN12L+B utilizes the power of Intel Celeron Dual-Core 1.80Ghz CPU and 4GB of DDR III memory, to provide exceptionally fast performance. With increased CPU processing power, the AN12L+B is capable of providing enterprise-level features such as iSCSI initiator and target support, snapshot with scheduling, and real-time folder-to-folder replication. Along with built-in RAID 5 and 6, the AN12L+B provides enterprise-class features that are normally not included in a product of such price range.

- **Dual Gigabit and RAID Hard Drives Protection:**

AN12L+B is designed with simple setup and easy maintenance features in mind. Features such as installation wizard for easy implementation out of the box, convenient web-based management for local or remote configuration, Dual 10/100/1000 Ethernet ports supporting teaming and fail-over redundancy plus RAID protection for your data storage making the AN12L+B a very robust yet easy to use Windows/MAC/Linux file sharing NAS server system.

- **Feature Rich Data Storage - Built-in Snapshot, Folder Replication and iSCSI**

In comparison to other products in the market, AN12L+B is bundled with many enterprise level advanced features without the additional cost. For example, iSCSI target support for iSCSI applications, iSCSI initiator support for future data storage expansion, folder to folder replication, scheduled or on-demand volume snapshot and local tape backup support just to name a few.

- **iSCSI Support for VMware**

To take advantage of centralized storage for all virtual machines in VMware ESX or vSphere, the AN12L+B can be used as a focal storage point for the VMWare ESX or ESXi server hosting multiple virtual machines. Utilizing the AN12L+B as an iSCSI target storage system for the VMware ESX/ESXi server, the AN12L+B is ready for your VMware storage virtualization needs.

Features:

- 4GB DDR3 Memory (Upgradeable To 8GB)
- Operating system specifically designs for Windows/MAC/Linux file sharing NAS and iSCSI application.
 - Supports up to a total of 96TB (Raw) SATA hard drive (8TB x 12 HDD).
- Intel 3rd Generation Ivy Bridge Celeron Dual Core 1.80Ghz processor with 2M of Cache.
 - RAID 0, 1, 1+0, 5 and 6 with spare.
 - Dual Gigabit Ethernet ports.
 - Convenient setup and easy maintenance.

Convenient Setup And Easy Maintenance :

- IP discovery tools for easy deployment.
- Web GUI configuration interface supporting Internet Explorer and Firefox browsers.
 - Informational Event Log for diagnostics.
 - Supports local user account.
- Supports Windows Active Directory Service or Primary Domain Server and Workgroup.
 - Supports HTTPS/SSL service.

Storage Protection :

- Designed with Linux based Journaling file system (EXT4, Dedup, Block Device, XFS).
- Folder to folder replication supporting scheduling with multiple versions or full replication with bandwidth control.
 - Supports scheduled or on-demand volume snapshot.
 - Supports local user account.
 - System configuration backup and restore.
- Supports Local Tape backup, 3rd party backup agent.

Support iSCSI :

- Supports iSCSI target and initiator.
- Supports VMware ESX Server 4.0/4.1, 5.0/5.1 or Microsoft Hyper-V Server or Citrix XGen Server.



1. Power/Reset Button
2. LED Power/Alarm
3. Power Connector
4. Audio Output/Mic Input
5. Dual Gigabit Ethernet

6. VGA
7. HDMI
8. USB 3.0 x2
9. USB 2.0 x2
10. PS/2 Keyboard/Mouse

Specifications:

- Form Factor:

12 Bay Enclosure

- Processor:

Intel 3rd Generation Celeron Dual Core 1.80 GHz w/ 2MB Cache

- Memory:

4GB DDR-3 Memory (Upgradeable To 8GB)

- RAID Level & RAID Engine:

0, 1, 1+0, 5, 6 - Software Embedded RAID Engine

- Maximum Capacity:

96TB

- Available Expansion Slot:

USB 3.0 x2 - USB 2.0 x2

- Hot-Swappable:

Yes

- Network:

10/100/1000 Gigabit Ethernet Ports x2 (Intel Chipset Gigabit Ethernet)

- Hard Drives:

12x SATA/SSD HDD trays

- Power Supply:

400W (100V to 230V)

- Control Interface:

Web Browser - Supporting IE and Firefox

- Dimensions (In) & Weight (lb):

8"W x 13.0"D x 20"H - 32lb

- Certificates:

CE, FCC, UL, RoHS

- Limited Warranty:

2 Years