AccuNAS AN4L+BBKU
64bit 4-Bay Backup Appliance Dual Gigabit NAS Server (Black)

The **AccuNAS AN4L+BBKU** is a backup appliance designed to use in network environment for data backup. It supports Windows, MAC and Linux Network in SMB, AFP and NFS network, consolidate data storage from different network, while backing up the data using build-in support of replication, or copy the data within to different location. AN4L+BBKU supports backup within itself, as well as backup to another unit of AccuNAS / EliteNAS storage on schedule. Backup support with up to 10 different revision to unsure no data is accidentally deleted. Front USB 3.0 ports allow removable hard drives, such TowerSTOR and MobileSTOR USB 3.0 series (TS1UT+B, MS1UT+B, TR4UT+B, TR5UT+B, and TR8UT+B) as external copy of data. Optional RDX docking station or LTO Tape drives is available for offsite, offline data backup.

AN4L+BBKU build-in with 2 network port for failover, as well as 4 hard drives, up to 16TB in RAID 0, 1, 10, 5 and 6 for performance and protection in RAID applications. AN4L+BBKU is half of the wide of the 4U rackmount, and optional rackmount kit (part#: CS-SAN-VA004RK) available to mounting two units into one 4U space. This innovative design allows two units back up each other in a data center or production environment. Built upon AccuNAS and EliteNAS network storage operating systems, AN4L+BBKU provides many other features, such as FTP server, ADS / LDAP supports as well as iSCSI target and initiator support. AN4L+BBKU is an ideal choice for NAS and unattended data backup in the network.

● Backup Appliance in a box

Build-in replication features in a box. Files saves in the units will automatically backup to different volume of hard drives, USB 3.0 storage, optional LTO tape drive modules, optional RDX modules, or second units on the same or remote network.

● Dual Gigabit and RAID Hard Drives Protection

AN4L+BBKU 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 gigabit ports supporting teaming and fail-over redundancy plus RAID protection for your data storage making the AN4L+BBKU a very robust yet easy to use Windows/MAC/Linux sharing NAS server system.

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

In comparison to other products in the market, AN4L+BBKU 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 AN4L+BBKU can be uses as a focal storage point for the VMWare ESX or ESXi sever hosting multiple virtual machines. Utilizing the AN4L+BBKU as an iSCSI target storage system for the VMware ESX/ESXi server, the AN4L+BBKU is ready for your VMware storage virtualization needs.

Features

- Backup storage appliance supports schedule replication backup from disk to disk, disk to tape.
- Operating system specifically designs for Windows/MAC/Linux sharing NAS server and iSCSI application.
- Intel 3rd Generation Ivy Bridge Celeron Dual Core 1.50Ghz processor with 2MB of Cache.
- 4GB DDR3 memory.
- Supports up to a total of 16TB (Raw) SATA hard drive (4TB x 4 HDD).
- RAID 0, 1, 1+0, 5 and 6 with spare.
- Dual Gigabit Ethernet ports.
- 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 (XFS).
  - Folder to folder replication supporting scheduling with multiple versions or full replication with bandwidth control.
  - Supports scheduled or on-demand volume snapshot.
  - System configuration backup and restore.
  - Supports Local Tape backup, 3rd party backup agent.
- Supports 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.

Processor	Intel 3rd Generation Celeron Dual Core 1.50 GHz w/ 2MB Cache
Memory	4GB DDR-3 Memory
RAID Level	0, 1, 1+0, 5, 6
RAID Engine	Software Embedded RAID Engine
Hot-Swappable	Yes
Maximum Capacity	16TB
Ethernet Ports	10/100/1000 Gigabit Ethernet Ports x2 (Intel Chipset Gigabit Ethernet)
Hard Drive Trays Supported	4 x SATA HDD trays
Control Interface	Web Browser - Supporting IE and Firefox
Power Supply	200W (100V to 230V)
Dimension (in) & Weight (lb)	12.0"W x 8.0"D x 8.5"H & 13 lb.
Safety Regulations	CE, FCC, UL, RoHS
Limited Warranty	2 Years

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