

## DN-500A-ADC

### Desktop SATA II NAS Subsystem



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 DN-500A-ADC (SATA II NAS Subsystem) is a reliable, cost-effective way to add storage to the network. It comes with 5 drive trays accommodating 3.5" SATA II drives while SATA II single connector architecture enables true hot swap capability. Built-in Intel Atom Dual Core 1.8G CPU , up to 4GB DDR3 800MHZ 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 quick boot. The DN-500A-ADC 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.

### NAS Features

- Supports up to five hot-swappable SATA II hard drives
- Supports RAID levels 0 、 1 、 5 、 6 、 10 、 Linear(JBOD)
- 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)
- Support iSCSI target for IP storage environment
- Support SNMP
- Support SNMP Trap



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# Series Technical Specifications



## Model Number : DN-500A-ADC

### H/W Platform

Intel Atom Dual Core 1.8G CPU

Cache memory: 2GB ~ 4GB DDR3 800MHz

Supports 5 SATA II hard drives

Two Gigabit Ethernet port

Environmental monitoring unit

300W 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 acts 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 MPIO)

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

SNMP support

SNMP Trap support

### Backup / Restore support

Back Solution

### Power Requirements

AC 100V ~ 240V Full Range

6.3A, 50Hz ~ 60Hz

### Environmental

Relative Humidity: 10%~85% Non-condensing

Operating Temp: 10°C ~ 40°C (50°F ~ 104°F)

**Physical Dimensions :** 261 (H) x 180(W) x 390 (D)mm

**Weight :** 9.1Kg (without drives)

*Specification are subject to change without notice. All company and product names are trademarks of their respective owners.*

The max. size of logical volume is 16TB.