



NIVEO Network Attached Storage Series

NNAS-D5

NNAS-R4

More information:

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Product Specification

Introduction

The NIVEO NNAS series is specifically designed for optimal performance Data Storage in Custom Electronics Setup. The Network Attached Storage Range provides high-end and very reliable storage for performance demanding Multimedia streaming and completes the best quality designed AV-set ups available and allows for almost unlimited enjoyment of your Multimedia collection in your home, office or hotel.

Securing your valuable Multimedia library

The Niveo NNAS systems are built with the most reliable components and the high speed data access allows for flawless multiple simultaneous media streams in even the highest definition.

The hot swappable bays and the flexible raid control secures your precious multimedia from loss. With the optional remote monitoring and redundant raid control and power supply you media will have the optimal protection and can be enjoyed unlimited.

NNAS-D5



The Niveo NNAS-D5 is a professional SATA II NAS Subsystem. It is a stylish and compact size design for home and small business environment. It provides reliable, cost-effective way to add storage on the network. It comes with 5 3,5" drive trays accommodating SATA II drives and achieves true hot swap capability. Built-in PowerPC processor, support up to 4GB DDR2 SDRAM and two Gigabit Ethernet ports for offers high performance of NAS platform. Embedded OS design provides quickly booting and high reliability.

The NNAS-D5 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.

The NNAS-D5 is equipped with a hardware RAID engine to offer fault tolerant of 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.

NNAS-R4



The NNAS-R4 (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 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 boot quickly. The NNAS-R4 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) 3.5" 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)



NNAS-D5	NNAS-R4
H/W Platform	H/W Platform
Intel Atom Dual Core 1.8G CPU	Intel Atom Dual Core 1.8G CPU
Cache memory: 2GB ~ 4GB DDR3 800MHz	Cache memory: 2GB ~ 4GB DDR3 800MHz
Supports 5 SATA II hard drives	Supports 4 SATA II hard drives
Two Gigabit Ethernet port	Two Gigabit Ethernet port
270W power supply with PFC	220W power supply with PFC
Storage	
Equipped with RAID function to offer fault tolerant data protection	Equipped with RAID function to offer fault tolerant data protection
Supports RAID levels 0、1、5、6、10、Linear(JBOD)	Supports RAID levels 0、1、5、6、10、Linear(JBOD)
Volume Management	Volume Management
Disk usage statistics	Disk usage statistics
Hot spare capability	Hot spare capability
Connectivity	
SMB over TCP / IP	SMB over TCP / IP
NFS over UDP / IP	NFS over UDP / IP
CIFS over TCP / IP	CIFS over TCP / IP
NAT	NAT
DHCP	DHCP
FTP	FTP
Internet Server	Internet Server
Unit acts as a DHCP server	Unit acts as a DHCP server
Unit act as a master browser	Unit act as a master browser



Share level security	Share level security
User ID security for NFS	User ID security for NFS
Macintosh Support	
Apple Time Machine Support	Apple Time Machine Support
AFP over Apple Talk	AFP over Apple Talk
AFP over TCP / IP	AFP over TCP / IP
Mac zones	Mac zones
iTunes service	iTunes service
General	
File Server Independent	File Server Independent
Localized language support	Localized language support
Support Quick setup	Support Quick setup
Supports trunking / load balance / fail over / LACP(802.3ad)	Supports trunking / load balance / fail over / LACP(802.3ad)
Support UPS management	Support UPS management
Support USB printer server	Support USB printer server
Support BT download	Support BT download
iSCSI Target	iSCSI Target
Support U-Share	Support U-Share
System Management	
Windows and Macintosh Client Discover Utility Tool	Windows and Macintosh Client Discover Utility Tool
Automatic IP address configuration	Automatic IP address configuration
Management through Web browser	Management through Web browser
Flash upgradeable unit	Flash upgradeable unit



Supports Microsoft ADS / PDC and Unix NIS accounts import Fail-free online firmware upgrade	Supports Microsoft ADS / PDC and Unix NIS accounts import Fail-free online firmware upgrade
Unicode support	Unicode support
Backup / Restore support	
Back Solution	Back Solution
Power Supply	
AC 100V ~ 240V Full Range 6A ~ 3A, 60 ~ 50Hz	AC 100V ~ 240V Full Range 6A ~ 3A, 60 ~ 50Hz
Environmental	
Relative Humidity: 10% ~ 85% Non-condensing Operating Temp: 10OC ~ 40OC (50OF ~ 104OF)	Relative Humidity: 10% ~ 85% Non-condensing Operating Temp: 10OC ~ 40OC (50OF ~ 104OF)
Physical Dimensions	
261 (H) x 180(W) x 390 (D)mm / 10.28 (H) x 7.09(W) x 15.35 (D)inch	1.73(H) x 17.57(W) x 19.69 (D)
Weight	
9.1 Kg / 20.1lbs (without drives)	7.8 Kg / 17.2lbs (without drives)