



ALLNET

ALL-NAS500

NAS RAID System für 5x SATA III HDD

- *Intel® Atom™-Prozessors*
- *5x SATA III internal, 1x eSATA external,*
- *Hard drive size max. 3000GB*
- *2GB RAM DDR3*
- *RAID Modi: 0, 1, 5,6,10 und JBOD, HotSwap / HotSpare, Online RAID Migration/Expansion,*

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The need for more space and opportunities to network file share is increasing nowadays especially in the corporate environment at an ever increasing pace! Amounts of data to which you have not even thought a few years ago, must be safe and quickly available today.

The Intel® Atom™-CPU: the silent power

Intel ® Atom ™ CPUs come out without annoying fan. This means: Significantly lower noise, lower power consumption significantly.

Combined with plenty of DDR3 RAM beyond the Intel ® Atom ™ CPUs also provide a much better performance. With the ALLNET ALL-NAS500 you get best performance at an unbeatable price, without unnecessarily wasting space in the rack. Multi-user environments, web hosting, intense backup, data encryption, application servers, use, RAID usage and multimedia streaming in HD:

Welcome to the world of pure multi-tasking!

USB 3.0: From Can to Do

More than a year ago ALLNET began with the implementation of USB 3.0 and enabled many storage devices that use this lightning quick Protocol by integrating a PCI-e slot. Due to strong demand waiting for any future NAS with at least one USB 3.0 port, which allows ten times faster data transfer than USB 2.0.

Ideal for smaller installations or mobile users - useful functions that provide lower total cost of your network architecture.

1. Hardware platform

Item	Specification
Processor	Intel® Atom™ Processor
System memory	2GB DDR3
LAN Interface	RJ-45x2: 10/100/1000 BASE-TX Auto MDI/MDI-X WOL supported
USB Interface	USB 2.0 host port x4 (back x4) USB 3.0 host port x1 (front x1)
LCM Modul	LCM Display 4 buttons (ENTER, ESC, UP, DOWN)
SATA DOM	1GB
Harddrive Interface	5 x SATA for internal 1 x eSATA for external
Power Supply	200W Power Supply
System clock	Battery backup system clock
Power Management	In case of power failure auto power on after shutdown
Summer	einstellbare Alarmfrequenz
Environment	Temperatur: 5°C to 40°C Humidity: 0 ~ 80 % Humidity (non-condensed)
Housing	Tower metal housing
Dimension (HxBxT)	230 x 190 x 240 (mm)
USB UPS	Supported
Certificates	CE/FCC/C-Tick/VCCI/BSMI RoHS WEEE VMware, Citrix



2. Software functions

RAID	
RAID Modi	RAID 0, 1, 5, 6, 10 und JBOD
supported functions	Auto-Rebuild, Hot-Swap, Dedicated / Global Hot Spare, Online RAID Migration / Expansion
RAID Volume Encryption	AES256bit
Hard drive	
Power management	Reduces the speed at a set idle time
Bad Block Scanning	Supported
SMART Info / Test	Supported
Hard drive roaming	Supported volume-based roaming with other ALLNET NAS
Netzwerk	
Configuration	Fixed IP address, dynamic IP address
IP Sharing Mode	can be enabled or disabled
Transfer protocols	TCP/IP/AppleTalk
File protocols	SMB/CIFS, HTTP/HTTPS, FTP, NFS v4, AFP
Link Aggregation	Load balance, Failover, 802.3ad, Balance-XOR, Balance-TLB, Balance-ALB
TCP/IP	IPv4
Data Access	
supported Client-OperatingSystems	Windows 2000/XP/2003/Vista/7, UNIX/Linux, Mac OS X
FTP / Secure FTP	integrated FTP / Secure FTP server with bandwidth control
TFTP	Users can transfer files with TFTP programs down-and upload
Print Server (IPP)	supports USB Printer supports varios IPP Drucker The client can print jobs via the web interface manage (List / Delete)
Backup	
Client-side backup	Backup Utility (Windows/Mac OS X)
Rsync backup	Rsync replicates data between two systems (via Rsync module)
DVD backup	Supported
Mac OS X Time Machine	Supported
Block Level Access	
iSCSI Target/Initiator	Supported Microsoft/Mac OS X/Linux initiators and ALLNET NAS targets
iSCSI Thin Provisioning	Supported
MPIO / MCS / Clustering	Supported
SCSI3 persistent group reservation	Supported



Power management	
Planned on and off	Supported
Volume management	
Multiple RAID	Supported
Multiple file system selectable	EXT3/EXT4/XFS
Multimedia Support	
iTunes Server	Supported AAC, MP3 w/ID3 tag and WAV
User Authentication	
local user / Groups	supports built-in user accounts and user groups
Windows ADS/LDAP	Supported
On-line user list	Supported
Access control	supports Black & White Liste/IP Filter
File system	
Type	Journaling File System
Language support	supports Unicode
Authorization (ACL)	„Read“, „write“, or „deny“ permissions for individual users or groups directory and subdirectory level
User Quota/ User Quota Sync	Supported
Administration	
User Interface	Web-based user interface supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian, Polish and Portuguese
Utility program	MS Windows Setup Wizard Supports Windows 2000/XP/2003/Vista/7 Mac OS X Setup Wizard
Email notification	System sends system messages via email to the system administrator
SNMP Trap	System information trap out
SSH	Supported