

N3200XXX Specs

1. Hardware Platform

Item	Spec
Processor	Intel® Atom™ N270 Technology
SATA device	3x3.5" SATA for internal, 1xeSATA for external
System Memory	1024MB DDR2 SODIMM SDRAM
LAN Interface	RJ-45x2 : 10/100/1000 BASE-TX Auto MDI/MDI-X
LED indicator	Power(Blue) HDD1-3 Activity/Fail(Green/Red) WAN (Link : Green; Activity : Green) LAN (Link : Green; Activity :Green)
Disk interface	SATA x3 , 1x eSATA for external
Power	96W external power adaptor
USB Interface	USB 2.0 host port x2 (Front x1, Back x1) (A Type)
LCM Module	2*16 character display for system status and information
Thermal/Fan control	Thermal sensor on processor temperature System FAN speed controlled by temperature.
Real-time clock	Battery backup system clock
PCI slot	1
Power management	Power on after power lose resume
Buttons	Power button (Front, power down controlled by S/W) Reset button (SW reset to default) LCM button (ENT,ESC,UP, DOWN)
Buzzer	Frequency Controllable
Chassis	Tower Metal Chassis
Environment	Temperature : 5°C to 40°C Humidity : 0 ~ 80 % R.H. (Non-condensing)

2. Software Functions

RAID	
RAID modes	RAID 0, 1, 5 and JBOD
Auto-rebuild	Supported
Hot-swap	Supported
SMART Info	Supported
SMART Test	Supported
On line RAID Migration	Supported
On line RAID Expansion	Supported

RAID Volume Encryption	AES256bit
Disk	
Power management	Spin down while idle time setup
Bad Block Scan	Supported
Roaming	Supports roaming to other N3200XXX
Network	
Configuration	Fixed IP Address, Dynamic IP Address
IP sharing mode	Can be enable/disabled
Transport Protocols	TCP/IP/Appletalk
File Protocols	SMB/CIFS, HTTP/HTTPS, FTP, TFTP, NFS v3, AFP
Link Aggregation	6 modes supported: 1. Local balance 2. Failover 3. Balance-XOR 4. 802.3ad 5. Balance-TLB 6. Balance-ALB
Data Access	
Client OS support	Windows 2000/XP/2003/Vista/7 UNIX/Linux Mac OS X
WebDisk(module)	Web-based file access
TFTP	Build in TFTP Server
FTP	Build in FTP Server with bandwidth control
Secure FTP	Build in secure FTP Server with bandwidth control
Download Manager (Module)	HTTP / FTP / BT / eMule / NZB
Printer Server (IPP)	Supports USB printers Supports IPP various printers Client can manage print tasks (List/Delete) via Web user interface
Data Backup	
Client schedule incremental data backup	Acronis True Image (OEM)
Client system Disaster Recovery	Acronis True Image (OEM)
USB device copy to N3200XXX	Through LCM to control
Snapshot	Supported

Bi-directional USB Copy (Module)	Supported
Native Rsync	Supported
Block Level Access	
iSCSI Target	Supports Microsoft/Mac/Linux Initiator
iSCSI initiator	For stackable with other Thecus NAS which support stackable
iSCSI Thin Provisioning	Configurable to virtual size as system allowed capacity
Power management	
Schedule power on/off	Supported
Volume management	
Multiple file system selectable	EXT3 / EXT4 / XFS / ZFS
Multimedia Support	
iTunes Server	Supports AAC, MP3 w/ ID3 tag and WAV
Photo Web Server	Supports GIF, JPG (JPEG) and PNG Supports EXIF display Supports slide show
Media server	Supports uPnP AV streaming protocol
User Authentication	
Local User	Supports built-in user accounts
Local Group	Supports built-in user groups
Windows NT/ADS	Supported
File System	
Type	Journaling File System
Language Support	Unicode Support
Authorization (ACL)	Read, Write or Deny options on individual users or groups for share and sub-folders
Administration	
Multi-Lingual Web-based administration	Web-based server management Interface Supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian Polish and Portugal
Utility Program	MS Windows Setup Wizard, Supports Windows 2000/XP/2003/Vista/7 Mac setup Wizard (OS X only)
Email notification	Sends system messages via Email to system administrator
SNMP trap	System information trap out
Others	

Web Disk	Supported
User Quota	Supported
Recycled bin	Supported
Web Server (Module)	Supported
ISO Mount	Supported
User module	Supported
IP CAM surveillance (Module)	Supports up to 5 IP CAM