ComX Computers
Product Specification Sheet

N4800ECO

Thecus N4800ECO 4 bay NAS Desktop

Product Overview

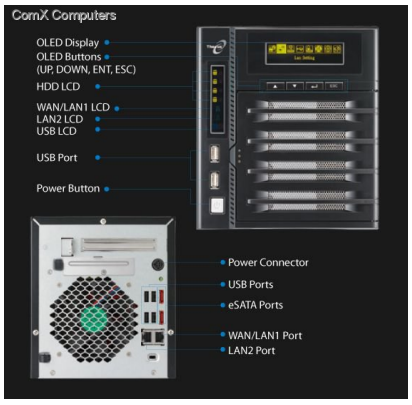
Thecus 4 Bay Desktop Intel Atom Processor D2700 2GB DDR3 USB 2.0 host port x2 (back x2) USB 3.0 host port x2 (front x2)











Specifications

Overview:

- 20% energy saving
- HDMI Output
- McAfee® Antivirus Protection
- Featuring SuperSpeed USB 3.0
- Running on ThecusOS™ 5.0
- Link Aggregation Support
- Fanless Motherboard

Features:

Data guard
Data guard backup solution is the ultimate software as it provides both local and remote parts. Currently, data is backed up across raid volumes, external usb drives, and esata. In addition, data guard uses innovative technology to sync data across the network to other nas and servers. More importantly, thecus data guard is the total backup solution which makes managing nas user-friendly and convenient.

Data burn nas data can now be burned directly to cd, dvd, and blu-ray discs with data burn, this hassle-free module makes burning data to a disk effortless. In addition, burning iso image file is also supported. Whether you're managing audio, media or essential files; data burn copies information fast while significantly reducing waiting time. The process of burning file to disk is now easy and smooth with data burn module.

Antivirus
Thecus' innovative hardware helps prevent failures. But sometimes you have to protect the nas against itself. Adding an antivirus to the already comprehensive software bundle will provide the necessary software protection by scanning the files on your nas and defending it against possible threats. Mcafee is the world's largest dedicated security technology company and shares thecus' spirit of dedication and quality. By establishing a strong partnership with them, thecus will allow users the benefit of mcafee's powerful software on their nas entirely for free.

Cloud backup
The private and public clouds meet with thecus' new dropbox, amazon s3 and elephantdrive cloud backup functionality! Guard your data with raid at home and an additional level of protection in the cloud. Just drag and drop files into the folder on your nas and access them on any computer or mobile device with dropbox, amazon s3 or elephantdrive.

Hdmi output
Make your nas into the ultimate multimedia hub! The n4800eco's hdmi output allows you to connect your nas directly to your tv for device management, web browsing with flash support, and even hd video playback. Don't force yourself to watch movies on that tiny little computer screen anymore, take it to the living room!

Dual display
Wondering how your nas is doing? Just check out the lcd display on the n4800eco for convenient status information including hdd activity, lan activity and usb copy status. The sharp oled display even allows you to change various system settings without having to be near a computer.

Usb 3.0 connectivity
The next generation of connectivity is here with speeds 10x faster than usb 2.0. Whether connecting digital cameras and smart phones, backing up large external hard drives, or extending the capacity of your nas, usb 3.0 will make sure it's done in no time at up to 5 gbit/s. Backwards compatibility adds the connectivity of a world full of usb 2.0 and usb 1.1 devices to get the best combination of speed and universal access.
Acronis true image thecus brings the best to the table with acronis's advanced backup software. Back up all your data with one-click protection or pick and choose only your most important files. Acronis sports a slick interface, user-friendly design, and comprehensive features to keep your data safe.

Multiple raid
When it comes to data management, thecus nas truly let you have it your way. Create multiple raid volumes each supporting different raid modes including raid 0, 1, 5, 6, 10 and jbod for your own balance of performance and data protection. Should a hard drive malfunction occur, changing one is simple thanks to online raid migration and expansion, hot spare, and auto rebuild.
Multiple file systemssupport for multiple file systems including ext3, ext4, and xfs, gives thecus nas flexibility to handle many different types of environments. Users can simultaneously use different file systems across multiple raid volumes to get the best of each one.

Iscsi thin-provisioning
Get the most out of your storage space with the extreme speed of iscsi and the efficiency of iscsi thin provisioning. Connect through iscsi for the fastest data transfer speeds available and make wasted disk space a thing of the past with thin provisioning's flexible storage functionality.

Ios/android connectivity
In the modern world, nothing is as important as reaching your data from anywhere. With t-onthego and the t-dashboard, you can manage your nas, and upload to and download/stream from your nas using an ios or android device on the go.

Rsync
Backing up your data is very necessary, and everyone has specific needs when it comes to storage. Thecus's rsync functionality gives users great flexibility with remote backup capability, a flexible scheduler, and the stability of linux-based transfer.
User quotadivide the massive storage of a thecus nas among multiple users. Whether there are two users or 100, user quota make it easy to divvy up and manage disk space.

Specifications:

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Specifications	
Product Code	N4800ECO
Processor	Intel Atom Processor (2.13GHz Dual Core)
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 x2 (back x2)
	USB 3.0 host port x2 (front x2)
OLED	2.8" OLED display
	4 buttons (ENTER, ESC, UP, DOWN)
	Multi-lingual supported
SATA DOM	1GB
HDMI Output	HDMI port (back x1)
VGA Output	VGA port (back x1)
Audio	Line output (back)

Disk Interface	4 x SATA for internal
	1 x eSATA for external
Power Supply	External power adapter
PCI-e x1 Slot	1 (1 lane)
Thermal / Fan control	Thermal sensor on processor temperature
	System FAN speed controlled by temperature
System Clock	Battery-backed up system clock
Power Management	Auto power on after shutdown due to power loss
Buzzer	Adjustable frequency alarm
Buttons	Power button
	OLED button
Environment	Temperature: 5 degreesC to 40 degreesC
	Humidity: 0 ~ 80 % R.H. (Non-condensing)
Chassis	Tower Metal Chassis
Dimensions (HxWxD)	192 x 172 x 250 (mm)
Weight (Kgs) / (lb)	6.6 / 14.55
Certificates	CE / FCC / C-Tick / VCCI / BSMI
	RoHS
	WEEE
	VMware, Citrix
RAID	
RAID Modes	RAID 0, 1, 5, 6, 10 and JBOD
Auto-rebuild	Supported
Hot-swap	Supported
Hot Spare	Supported
Online RAID Migration	Supported
Online RAID Expansion	Supported
RAID Volume Encryption	AES256bit
Disk	
Power Management	Available spin-down on idle setting
Bad Block Scanning	Supported
SMART Info	Supported
SMART Test	Supported
Disk Roaming	Supports volume-based roaming to other Thecus NAS
Network	
Configuration	Fixed IP address, dynamic IP address
Transport 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	IPV6 & IPV4
DDNS	Supported
SSH	Supported
UPnP	Supported
UPnP Port forwarding	Supported
System status	
System Monitor	Monitoring CPU, memory, temperature, fan, network utilization and protocols access user count
Syslog Management	Send syslog to assigned location
	Act as syslog server to receive log info from other systems
Data Access	
Client OS Support	Windows 8 / 7 / Vista / 2003 / XP / 2000
	Windows Server 2008 R2 / 2012
	UNIX / Linux
	Mac OS X
FTP	Built-in FTP server with bandwidth control
Secure FTP	Built-in secure FTP server with bandwidth control
TFTP	Users can download and upload files with TFTP programs
Download Manager	BT download (via Transmission module)
	NZB download (via NZB module)
Printer Server (IPP)	Supports USB printers
	Supports a wide range of IPP printers
	Client can manage print tasks (list / delete) via web user interface
Data Backup	
Client Incremental Data Backup	Acronis True Image (OEM version)
Client System Disaster Recovery	Acronis True Image (OEM version)
Client Side Backup Software	Thecus Backup Utility (Windows / Mac OS X)
Data Burn	Create files to ISO image and burn to optical disc
	Create files to ISO image
	Read ISO image from optical disc and write to NAS
Mac OS X Time Machine	Supported
Data Guard	Remote Backup / Local Backup
Block Level Access	
iSCSI Target / Initiator	Supports Microsoft / Mac OS X / Linux initiators and Thecus NAS targets
iSCSI Thin Provisioning	Supported

MPIO	Supported
MCS	Supported
Clustering	Supported
SCSI3 Persistent Group Reservation	Supported
Power Management	
Scheduled Power On / Off	Supported
Volume Management	
Multiple RAID	Supported
Multiple File System Selectable	EXT3 / EXT4 / XFS
Multimedia Support	
iTunes Server	Supports AAC, MP3 w / ID3 tag and WAV
Piczza! Photo Server (via module)	Supports GIF, JPG (JPEG), BMP and PNG
	Supports EXIF display
	Supports slide shows
Media Server	Supports uPnP AV streaming protocol
User Authentication	
Local User	Supports built-in user accounts
Local Group	Supports built-in user groups
Windows ADS	Supported
LDAP	Supported
Access Guard	Supports Black & White list / IP Filter
Cloud Backup	
DropBox	Supported (via module)
ElephantDriver	Supported (via module)
Amazon S3	Supported
File System	
Type	Journaling File System
Language Support	Unicode Support
Authorization (ACL)	"Read", "write", or "deny" privileges to individual users or groups in folders and sub-folders
User Quota	Supported
Administration	
User Interface	Web-based user interface supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian, Polish, Portuguese, Turkish and Czech.
Utility Program	MS Windows Setup Wizard
	Supports Windows 8 / 7 / Vista / 2003 / XP / 2000
	Mac OS X Setup Wizard

Email Notifications	Sends system messages via email to the system administrator
SNMP Trap	System information trap out
Mobile Applications (iOS / Android)	
T- Dashboard	Mobile monitoring and administration (via module)
T-OnTheGo	Upload, download and stream multimedia
Data Security	
Virus Scan	Supports McAfee (via module)
Capacity Expansion	
Stackable	Can extend for 5 additional iSCSI volumes from other Thecus NAS
Others	
Recycle Bin	Supported
Web Disk	Supported (via module)
Web Server	Supported (via module)
ISO Mount	Supported
IP Cam Surveillance	Supports up to 5 IP cameras (via module)
Auto Module Installation	Thecus' module server automatically provides the latest modules and updates through the user interface.
Local Display	X-Window via HDMI output

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/N4800ECO-Thecus-N4800ECO-4-bay-NAS-Desktop-p-86896.php

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