

Enjoy Your Digital Life with QNAP NAS & Media Storage Solutions

QNAP Digital Home Solution : New experience of digital data sharing and playback with low power consumption operation

As digital contents have become increasingly popular, more and more people are looking for efficient storage and media playback solutions. QNAP's digital home kit consists of a NAS (Network Attached Storage) and an NMP (Network Multimedia Player). It is a complete solution to maximize the benefits of your home theater facilities and bring a higher level of enjoyment.

Network Multimedia Player



NMP-1000

Network Attached Storage



TS-110

TS-210

TS-410

QNAP Network Multimedia Player

Cinema-grade Home Multimedia Solution

The NMP-1000 supports high-definition (1920 x 1080, 1080P) contents and almost all popular formats of media files such as MKV(H.264), M2TS & BDMV (Blu-ray), ISO and most popular codecs. For audiophiles, it also supports Dolby TrueHD and DTS HD surrounds audio output with rich and lossless sounds effects through your Hi-Fi systems.



An Easily Accessible Library at Your Fingertips

The NMP-1000 automatically finds all the digital media files on its internal hard disk or the mounted remote disks on your home network, and organizes them into a categorized library. The navigation tree enables you to sort and search the multimedia files systematically. You can also specify different ratings for the music and video files.

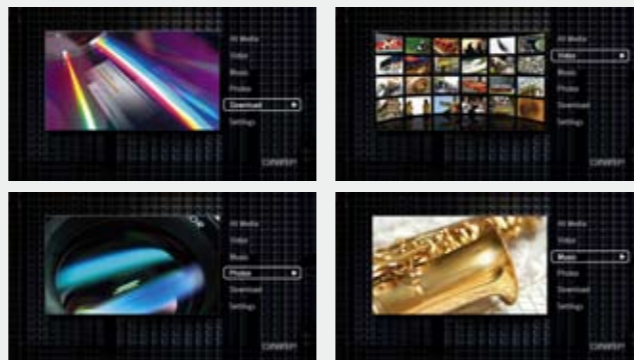


New v1.1.4 NMP-1000 Software

The new v1.1.4 NMP-1000 firmware offers enhanced features, such as "Multiple Resume", "Photo Slideshow with Background Music", "Quick Seek", "On-screen Adjustment of Subtitle and Display Attribute", and "Online Upgrade". It also supports Picasa Web Album for users to view their cloud-stored pictures on the TV.

Easy-to-use and User-friendly Interface

The NMP-1000 is designed with an intuitive graphical user interface. You can customize the home menu background with your selected images or video. A remote control with luminous buttons is provided for you to use it easily in the dark. With the on-box VFD display and the controlling buttons on the machine's front panel, you can configure the system or listen to the stored music without turning on the TV.



QNAP Digital Home NAS Solution



Printer Server

The Turbo NAS supports network printer sharing function (max 3 USB printers).



Surveillance Station

The Surveillance Station enables you to configure and access your IP cameras for network surveillance. The Surveillance Station of QNAP NAS supports leading network camera brands such as AXIS, D-Link, IPUX, LevelOne, Linksys, Panasonic, and Vivotek.



Supports PS3 and Xbox360

All the photos, music, and videos stored on the Turbo NAS can be played via the PS3 or Xbox360 on your LCD TV or stereo Hi-Fi system.



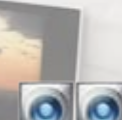
Web Server

With the built-in phpMyAdmin, Joomla!, MySQL and SQLite, you can easily establish your interactive web server and other online applications such as online shops, forums, and blogs.



Remote access to your media files

The built-in FTP server and the Web File Manager enable you to upload or download the media files remotely.



Cinema-grade home theater

The NMP-1000 features the powerful SMP8635 SoC hardware-based decoder, HDMI 1.3 interface, and the advanced software decoding technology. The playback of video files encoded in H.264 or the other popular codecs is supported for up to 1080P resolution Full HD ultimate quality. Dolby TrueHD and DTS HD multi-channel digital surround sound can be handled to achieve the cinema-grade enjoyment.



Using QNAP NAS with iPhone or iPod touch

By installing DLNA/ UPnP application on the iPhone or iPod touch, you can access QNAP NAS on the local network and play the multimedia contents, for example, videos, music, and photos on the server.



PC-less Download Station

The Turbo NAS supports BitTorrent, FTP, and HTTP download without PC. TCP/UDP, encrypted BT download function, and DHT (Distributed Hash Tables) are also supported. It supports to download BitTorrent, eMule/ eDonkey and NZB files.



UPnP Media Server (with built-in TwonkyMedia Server)

The Turbo NAS is a perfect media storage center and it works well with DLNA (Digital Living Network Alliance) compliant media players. You can play the photos and videos on TV, or listen to your favorite music and Internet radio on your Hi-Fi system.



Music Sharing by iTunes Server

All your MP3 music can be collectively stored and streamed to Mac or Windows PC. Just turn on the iTunes program and enjoy all the music around your home network.



Multimedia Station for Photo Sharing

You can share your photos, video, or music online by the Multimedia Station of the Turbo NAS.

New V3.2 NAS Management Software



The new V3.2 NAS firmware provides many powerful functions to offer higher management efficiency.

About QNAP



QNAP Systems, Inc. is a privately held company founded in 2004 and is dedicated to bringing world class NAS storage, professional NVR video surveillance, and network video players to consumer, small/medium business, and entry level enterprise market segments. QNAP leverages not only hardware design but also a growing core competency in software engineering that is precisely focused on bringing to market products that offer the highest available performance coupled with outstanding reliability, scalability, and ease of installation and use. QNAP is a multi-national company with headquarters in Taipei, Taiwan, and subsidiary offices in China and the United States.



Customer Service

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Forum: <http://forum.qnap.com/>
Facebook: <http://www.facebook.com/QNAPSys>
Twitter: http://twitter.com/QNAP_nas

Updates & Download

<http://www.qnap.com/download.asp>

Product Information

<http://www.qnap.com>

Dealer Seal

Hardware Specifications



Model Name	TS-110	TS-119	TS-210	TS-219P	TS-410	TS-419P	NMP-1000	
System	CPU	Marvell 800MHz	Marvell 1.2GHz	Marvell 800MHz	Marvell 1.2GHz	Marvell 800MHz	Marvell 1.2GHz	Sigma Designs SMP8635
	Memory	256MB DDRII	512MB DDRII	256MB DDRII	512MB DDRII	256MB DDRII	512MB DDRII	256MB DDR
	Flash	16MB	16MB	16MB	16MB	16MB	16MB	64MB
HDD*	2.5"-inch	-	-	-	V	V	V	-
	3.5"-inch	V	V	V	V	V	V	V
	Max. Capacity	2TB	2TB	4TB	4TB	8TB	8TB	2TB
LAN	Gigabit Ethernet	1	1	1	2	2	1	
I/O Port	eSATA	1	1	-	2	2	2	1 (to PC)
	USB Port	3	3	3	3	4	4	2
Surveillance	IP Camera*	2	2	2	2	4	4	-

* The standard system is shipped without HDD or IP cameras

Software Specifications (TS-110/ TS-119/ TS-210/ TS-219P/ TS-410/ TS-419P)

Operating System

- Linux-embedded system

Networking

- TCP/IP, DHCP client, DHCP server, CIFS/ SMB, AFP, NFS, HTTP, HTTPS, FTP, DDNS, NTP
- Failover*
- Load balancing*
- Multi-IP setting*
- Jumbo frame

File System

- EXT3/ EXT4 (Internal/ external HDD)
- FAT (External HDD)
- NTFS (External HDD)

Supported Operating Systems

- Microsoft® Windows® 2000/ XP/ 2003/ Vista/ Windows 7
- Mac OS X
- Linux and UNIX

Disk Management

- Single disk, RAID 0, RAID 1, RAID 5, RAID 5 + hot spare, RAID 6, and JBOD*
- Multiple RAID*
- Online RAID Capacity Expansion*
- Online RAID Level Migration*
- QNAP exclusive RAID recovery*
- Disk usage status management
- Check disk (Check Linux file system)
- HDD S.M.A.R.T.
- Bad blocks scan
- Built-in iSCSI target service

User Management

- User quota management (per user)
- Windows AD
- User account management
- User group management
- Batch creating users

File System Management

- Network share management
- Network volume status management
- Share folder level ACL support
- Hide share folder on Windows network
- Unicode support
- Journaling file system

Web File Manager

Backup Management

- PC-client backup software-NetBak Replicator: Instant/ Schedule/ Auto-sync backup
- Remote replication supports Rsync
- Encrypted remote replication
- One touch USB copy for different destination folders
- Backup to external storage device
- Apple Time Machine support

System Tools

- E-mail alert (SMTP authentication)
- SMS alert
- HDD standby mode
- Disk usage alert
- Automatic power on after power recovery
- QPKG add-on firmware supported
- System firmware upgrade
- Back up, restore, reset system settings
- Smart fan setting
- Configurable management port
- Policy-based unauthorized IP blocking
- Secure remote login by SSH connection; remote login by Telnet connection
- USB, SNMP UPS support
- Schedule on/ off service (max. 15 settings)
- Network recycle bin
- Import SSL certificate

Event Logs

- Complete system logs (file level): system events management, connection logs, current connection of on-line users

Multilingual Support

- Chinese (Traditional & Simplified), Czech, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Russian, Spanish, Swedish

* The function is available on particular models; please visit www.qnap.com for more information.

Software Specifications (NMP-1000)

Networking

- TCP/ IP, HTTP, CIFS/ SMB, NFS, AFP, FTP, DDNS, DHCP client, BitTorrent P2P

Remote Share

- Up to 6 remote shares via SMB/CIFS or NFS
- Automatic share folder discovery on Microsoft network

File System

- NTFS (system default)
- FAT32, EXT3

Client Supported

- Microsoft Windows 2000/ XP/ 2003/ Vista/ Windows 7
- Mac OS X
- Linux and Unix

User Management

- User account management (max. 128 users)
- User group management (max. 32 groups)

File System Management

- Network share management (max. 128 shares)
- Unicode support
- Web File Manager

System Tools

- HDD standby mode setting
- System firmware upgrade
- System logs

TV System

- NTSC/ PAL

Max. Resolution

- 1920 x 1080p (Full HD)

Screen Aspect Ratio

- 4:3 or 16:9

Audio Formats

- FLAC, WAV, WMA, AAC, PCM, AC3, Ogg, M4A, DTS, MP3

Image Formats

- BMP, JPEG/ JPG, PNG

Video Formats

- Codec: MPEG1, MPEG2, MPEG4, XVID, H.264, H.263, WMV9, VC1
- Container: AVI, MPEG/MPG, VCD (ISO, MPG, NRG), DVD (VOB, IFO, ISO, NRG), WMV, ASF, TP, TS, TRP, M1V, M2V, M4V, M2P, M2T, M2TS, BDMV, MTS, MOV, MP4, RMP4, MKV, TOD, MOD, 3GP

Playlist

- M3U, PLS, WPL, ASX

Subtitle Compatibility

- SRT, SUB, SMI, TXT, ASS, SSA, SUB (with idx)

Online Contents

- Flickr photos, Picasa web album, Apple movie trailers, SHOUTcast radio, Internet radio, weather forecast

File Server

- Share files across Windows/ Mac/ Linux and UNIX and centralized management

FTP Server

- Access files from remote location via FTP server share
- Supports up to 16 concurrent connections (NAS mode)

Download Station

- PC-less BitTorrent download
- Unique utility QGet (Windows/ Mac) for remote download management

Content Management

- Automatic categorization of local and remote disk data
- User rating of video and music files
- Photo sorting by date taken

User Customization

- Home menu style selection
- Subtitle size and location settings

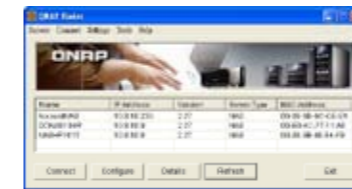
Multilingual Support

- English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian, Swedish, Norwegian, Finnish, Danish, Polish, Turkish, Greek, Hungarian, Czech, and Dutch

QNAP Unique Utilities

Windows Users

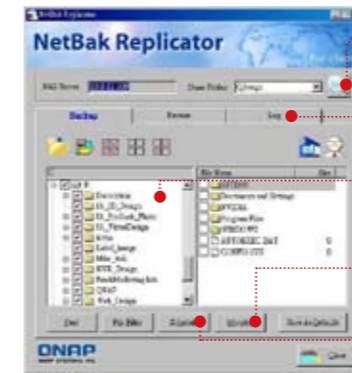
Finder



The Finder can be used to initialize, configure, restart, shut down, or remotely wake up the server, or map network drives.

NetBak Replicator

The backup software, NetBak Replicator, is provided for the NAS users to perform real-time synchronization or schedule backup from multiple Windows PCs to the NAS. Options available: instant backup, data restore, file filter, schedule backup, and monitoring (real-time backup), etc.



All the NAS servers and their share folders within the network are displayed.

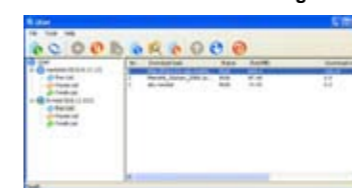
Backup Log: "Record all logs" or "Record error logs only".

Backup Level: Folder or file level.

Monitor: Back up the selected files or folders to the NAS instantly when they are modified.

Set your daily or weekly backup schedule.

QGet - Remote Download Management Utility

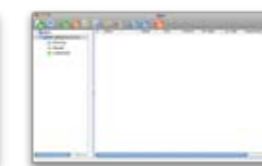


You can use the QGet download management utility to maintain the BT, HTTP, or FTP download tasks of multiple Turbo NAS servers over LAN or WAN.

*NMP-1000 does not support FTP/ HTTP download.

Mac Users

QNAP also provides Mac Finder (like Windows-based Finder) and Mac QGet.



Available QPKG Software Packages (NAS only)

The QPKG software package platform enables the users to maximize the usage of the Turbo NAS by installing additional software packages developed by the users and community worldwide.



Tomcat

Tomcat implements the Java Servlet and the JavaServer Pages (JSP) specifications from Sun Microsystems, and provides a "pure Java" HTTP web server environment for Java code to run.



Asterisk

Asterisk is a software implementation of a PBX that allows attached telephones to make calls to one another, and to connect to other telephone services including the PSTN and VoIP services. Requires the Optware QPKG.



Java Runtime Environment

Java Runtime Environment 6 which enables to run the compiled Java programs on the NAS (supports only x86-based NAS).



AjaXplorer

AjaXplorer is an easy-to-install file explorer for remotely managing files on a web server. Its "rich client" layout and actions make it accessible to any end-user for a variety of purposes: file management/sharing, photo gallery, code browsing, etc.



phpMyAdmin

phpMyAdmin is an open source tool written in PHP intended to handle the administration of MySQL over the Internet.



Optware Ipkg (Itsy Package Management System)

Ipkg, or the Itsy Package Management System, is a lightweight package management system designed for embedded devices.



Python

Python is a general-purpose, high-level programming language. Its design philosophy emphasizes programmer productivity and code readability.



SABnzbd+

SABnzbd+ is a multi-platform binary newsgroup downloader written in Python language. The program works in the background and simplifies the downloading, verifying and extracting of files from Usenet.



Joomla!

Joomla! is a free, open source content management system for publishing content on the world wide web and intranets.



WordPress

WordPress is a free, open-source personal publishing system that allows you to easily create a complex blog, or web log, on your site.



Slim Server on Turbo Station (with SqueezeCenter 7)

Squeeze Center is the server software on Slim Device that manages common digital audio formats (.mp3, .flac, .ogg, etc.) and streams them to its players.



MLDonkey (eMule)

MLDonkey (eMule) is a door to the 'donkey' network, a decentralized network used to exchange big files on the internet and present most features of the basic Windows donkey client (e.g., eMule).



QNAP Digital Home Solution

- Store & share your digital collections
- Experience the cinema-grade enjoyment



QNAP