Synology USB Station 2

Easy to Use and Budget-Friendly NAS Server for Home and Small Workgroup

Synology USB Station 2 is designed to provide a cost-effective solution for USB storage sharing, multimedia center, and print server for home and small workgroup. The operating system, Synology DiskStation Manager 3.0, delivers rich features for multimedia enjoyments, Internet file sharing, budget print server, and energy-saving options.

Highlights

- Installation Free
- Plug-and-Play USB Drive Sharing
- Easy File Management
- DLNA Certified Media Server
- 24/7 PC-Less Download Server
- USB Print Server
- Cool and Completely Quiet

Plug-and-Play File Sharing

USB Station 2 is ready to use right out of the box by simply plugging in any USB storage device. The built-in File Browser in Synology DiskStation Manager 3.0 (DSM 3.0) allows you to start sharing multimedia with family members or group projects with colleagues right away, with the ease of file navigation through a web browser. Sharing files among Windows, Mac, and Linux users highly increases the work efficiency in a platform-mixed environment. USB Station 2 is completely fan-less with only 4W in operation. Not only does it reduce your carbon footprint, but it also helps create a noiseless home or working environment.

Your Own Entertainment Center

Download Station functions as a 24x7 BitTorrent, FTP, HTTP, eMule, and NZB download center without a PC. The eMule download engine allows search-n-download capability with a web-browser without installing additional desktop applications.

Audio Station supports music, Internet radio stations, and iPod playback with the optional speakers. An optional direction-free Synology Remote allows you to freely enjoy your music. Streaming mode allows your music to be shared with multiple users over the Intranet or Internet.

DS audio allows you to stream music stored on DiskStation to your iPhone®, iPod touch® or Android® phone wherever Interness access is available. You can enjoy terabytes of music anytime anywhere.

DLNA/UPnP Support allows you to stream multimedia files with an UPnP Digital Media Adapter (DMA) on a stereo system or a TV-set. Sony PS3 and Microsoft Xbox360 are also supported.

iTunes Server is an easy way to share music with other iTunes clients over the network. Password protection prevents unauthorized sharing.

USB Printer Sharing for Everyone

USB Station 2 supports up to two USB printers simultaneously. The USB printer sharing capability minimizes your cost by sharing printing resources throughout the home or the office. No professional IT personnel are required to set up the print server in your home or office, as the Add Printer Wizard simplifies setup process on your local computer.

Synology Protects Our Earth

Synology DiskStation is designed and developed with energy efficiency in mind. Compared with the average PC counterparts, Synology DiskStation consumes a relatively low amount of power and makes the external hard drives hibernate when not in use. All Synology products are produced with RoHS compliant parts and packed with recyclable packing materials. Synology acknowledges the responsibility as a global citizen to continually work to reduce the environmental impact of every product produced.

CONNECTIONS & BUTTONS

LED

RESET
USB 2.0

Power   LAN

Technical Specifications

Hardware

- CPU Clock Rate: 800MHz, 16bit@DDR400
- RAM Size: DDR2 128MB
- External Interface: 2X USB ports
- Size: 46mm X 122mm X 111mm
- Weight: 147g
- LAN: 1X Gigabit

- Power Recovery
- AC Input Power Voltage: 100V to 240V
- Power Frequency: 50Hz to 60Hz, Single Phase
- Max HDD Capacity: 4TB (2X 2TB external USB hard drives)[1]
- Operating Temperature: 5°C to 35°C (40°F to 95°F)
- Storage Temperature: -10°C to 70°C (15°F to 155°F)

- Relative Humidity: 5% to 95% RH
- Max Operating Altitude: 10,000 feet
- Power Consumption[2]: 4W (Access)
- Certification: FCC Class B, CE Class B, BSMI Class B

Applications

File Browser

File Station

FTP Server
- Bandwidth Control
- Custom FTP Passive Port Range
- Anonymous FTP
- Transfer Log

Download Station
- Supported Download Protocols: BT/HTTP/FTP/NZB/eMule
- Custom BitTorrent Port Range
- BitTorrent / eMule Bandwidth Control

Audio Station
- Supported Audio Format: (USB Mode) AAC, FLAC, M4A, MP3, Ogg Vorbis, WMA, WMA VBR; (Streaming Mode) MP3, M4A, M4B
- Supported Playlist Format: M3U, WPL

- Internet Radio: SHOUTcast, Radioio

DLNA/UPnP Media Server
- DLNA Certified
- PS3/Xbox 360 Support
- Supported Audio Format: AAC, FLAC, M4A, MP3, Ogg, Vorbis, PCM, WAV, WMA, WMA VBR, WMA PRO, WMA Lossless
- Supported Video Format: 3GP, 3G2, ASF, AVI, DAT, DivX, DVR-MS, ISO, M2T, M2TS, M4V, MKV, MP4, MPEG1, MPEG2, MPEG4, MTS, MOV, QT, SWF, TP, TRP, TS, VOB, WMV, XviD, RV30, RV40, AC3, AMR, WMA3
- Supported Image Format: BMP, JPG (jpe, jpeg), GIF, ICO, PNG, PSD, TIF (tiff), UFO, RAW (arw, srf, sr2, dcr, k25, kdc, cr2, crw, nef, mrw, ptx, pef, raf, 3fr, erf, mef, mos, orf, rw2, dng, x3f)
- Supported Subtitles Format: srt, psb, smi, ass, ssa, sub, idx, ifo

iTunes Server
- Supported Audio Format[3] : MP3, M4A, M4P, WAV, AIF
- Supported Video Format: M4V, MOV, MP4
- Supported Playlist Format: M3U, WPL

Print Server[4]
- Max Printer #: 2
- Printing Protocols: LPR, CIFS, AppleTalk

iPhone and Android Applications
- DS audio

General Specifications

Networking Protocols
- CIFS, AFP, FTP, WebDAV, Telnet, SSH

File System
- EXT4
- EXT3
- FAT32
- NTFS

File Sharing Capability
- Max User Account: 32
- Max Concurrent Connections (SAMBA, FTP, AFP): 32

Backup Solutions
- Desktop Backup (using Synology Data Replicator 3 or Apple Time Machine backup application)
- 3rd-Party Backup Support

Security
- FTP over SSL/TLS
- IP Auto-Block
- HTTPS Connection

Management
- DSM Upgrade
- Email Notification
- DDNS Support
- IPv6 Support
- PPPoE
- Custom Management UI HTTP/HTTPS Ports

Utilities
- Synology Assistant
- Synology Download Redirector
- Synology Data Replicator

Supported Browsers
- Internet Explorer 7
- Internet Explorer 8
- Firefox 3
- Firefox 3.5
- Safari 4 (Mac)
- Safari 5 (Mac)
- Chrome 5

Supported Clients
- Windows 2000 onward
- Mac OS X 10.3 onward
- Ubuntu 9.04 onward

Supported Mobile Devices (File Station)
- iPhone OS 2.2.1 onward
- Android OS 1.5 onward
- Windows Mobile (IE Mobile or Opera 9.0 onward)
- Symbian OS 9.1, S60 3rd Edition onward

Language
- Czech, Danish, Dutch, English, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese Brazil, Portuguese European, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish

Environment and Packaging

Environment
- RoHS Compliant

Package Content
- USB Station 2 Main Unit

- Installation CD
- Quick Installation Guide
- AC Power Adapter
- 2M RJ-45 LAN Cable

Optional Accessories
- Remote

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1. Self-powered USB HDD.
2. Measured with self-powered USB storage devices. The figures could vary on different environments.
3. The music in WAV and AIF format can be streamed, but the metadata (ex: title, album) may not be indexed on the iTunes.
4. For Mac users, USB Station 2 supports PostScript USB printers only.

Networking

External Disk

Synology Remote   USB Station 2   Speakers   USB Printer

Wireless Router   Digital Media Adapter

PC / Mac / Linux   TV   Stereo System