

Gigabit SATA NAS 4 TB

2-Bay, 4-Terabyte with RAID, One External High-Speed USB Port

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Gigabit SATA NAS 4 TB for SOHO and SMB environments.

The Intellinet Network Solutions Gigabit SATA NAS 4 TB addresses the growing needs for additional high-speed storage in the SOHO and small/medium-sized business environments.

Storage

With the Gigabit SATA NAS 4 TB, you can install two SATA hard drives up to 2.0 Terabyte each for extremely fast access to data storage on your network. If additional space is needed, you can connect an external USB HDD, providing an additional Terabyte of storage space. With the convenient power-saving design, the SATA NAS will put the HDD to sleep if it is not needed — saving more than 80 percent of its power.

Speed

With a Gigabit network connection, the SATA NAS 4 TB provides ultra-fast data throughput, making it the perfect network storage unit for smaller work groups.

RAID (Redundant Array of Independent Disks)

The Gigabit SATA NAS 4 TB supports RAID 0 and RAID 1 configurations: RAID 0 (striped disks) distributes data across both hard drives and improves speed and capacity — however, if one hard drive fails, the data is lost; RAID 1 (mirrored disks) is a backup solution using both hard drives to store the same information — if one hard drive fails, the information is not lost.

Streaming

The SATA NAS 4 TB will allow you to stream videos and photos through your media player in your home entertainment center. It will also stream MP3 files to your media player via iTunes and download files via the BitTorrent network to the NAS without your PC being turned on.

Features:

- Quick and easy installation of additional network storage
- Gigabit Ethernet port for high-speed network connectivity
- Holds two 3.5" SATA hard drives (up to 2 TB each, not included)
- Supports RAID configurations (RAID 0, 1, JBOD)
- Hi-Speed USB ports for the connection of an additional external USB hard drive or USB printer or USB memory stick
- Supported USB hard drive file systems: FAT32 and NTFS
- Backup Management - scheduled remote replication and data backup to external USB hard drive
- Supports DDNS (dynamic DNS)
- Integrated iTunes Digital Audio Access Protocol (DAAP) server delivers audio streams to any iTunes-compatible media player on the network
- Built-in FTP server, allowing remote users to upload and download files
- Secure FTP (FTP over TLS)
- BitTorrent client to download files from the BT network while having your computer turned off
- Schedule downloads via download station
- Cross-platform file sharing for Windows, Linux and Mac OS
- Supported file serving protocols: CIFS (Samba), FTP and NFS
- Supports user groups and user accounts with quota management
- Supports HTTPS encryption and IP filter for enhanced security
- User (name/password) and Sharing Level (read/write) security
- Supports Self-Monitoring Analysis and Reporting Technology-enabled (SMART) hard drives
- Adjustable hard drive spin-down time
- Cooling fan automatically adjusts to internal temperature
- Easy Web-based configuration via Web browser

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
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- Made from high-quality aluminum for optimized heat dissipation
- Three-Year Warranty

Specifications:

Standards
• IEEE 802.3 (10Base-T Ethernet)
• IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
• IEEE 802.3u (100Base-TX Fast Ethernet)

General
• LAN: RJ45 10/100/1000 Mbps data port
• USB: one Hi-Speed USB 2.0 USB type-A port for external USB hard drive, USB flash drive or USB printer
• Data throughput: up to 25 MB/s (FTP, read)
• Internal hard drive:
– Design: 3.5" SATA-I or SATA-II
– Maximum size: 2.0 TB
– Total capacity: 4 TB (RAID 0)
• External USB hard drives:
– Supported file systems: FAT32, NTFS
– Maximum size: 1 TB
• File serving protocols: CIFS (Samba), FTP, NFS
• iTunes server:
- iTunes version mt-daapd-0.2.4
– Maximum connection limit: 8
• FTP server max. connection limit: 8
• Samba server:
– Version samba-3.0.25 (supporting NTLMv2 authentication for Windows Vista)
– Maximum connection limit: 8
• BitTorrent client options:
– Max. upload bandwidth
– Max. download bandwidth
– Status/statistics for active torrents
• Certifications: FCC Class B, CE, RoHS, VCCI

Security/User Management/Network Shares
• Maximum user accounts: 8
• Maximum user groups: 8
• Username/password-based security
• Folder level security (read/write)
• Disk space usage (quota) management
• Supported network clients: Windows, Linux, Mac OS

Environmental
• Dimensions: 237 (l) x 137 (w) x 42 (h) mm (9.33 x 5.39 x 1.54 in.)
• Weight: 1.65 kg (3.6 lbs.)
• Operating temperature: 5 – 40°C (41 – 104°F)
• Operating humidity: 5 – 90% RH, non-condensing
• Storage temperature: -20 – 70°C (-4 – 158°F)

Power
• External power adapter: 12 V DC, 2.0 A
• Power consumption:
- 25.1 Watts max. with HDD active
- 1.8 Watts max. with HDD turned off

Package Contents
• Gigabit SATA NAS 4 TB
• Power adapter
• User manual
• Installation CD

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