



QNAP TS-H886-D1622-16G NAS Tower Ethernet LAN Black D-1622



Brand : QNAP

Product code: TS-H886-D1622-16G/72TB-IWP

Product name : TS-H886-D1622-16G

- Four 2.5GbE ports accelerate file sharing across teams and devices, virtual machine applications or multimedia transmission
 - DDR4 ECC memory detects and corrects single-bit memory errors, demonstrating high reliability for crucial applications
 - Two M.2 NVMe Gen 3 x4 SSD slots (each slot providing up to 3.2 GB/s bandwidth) enable SSD caching to boost random read/write performance
 - Two PCIe slots allow for 5GbE/10GbE/25GbE/40GbE adapters, QM2 cards, or entry-level graphics cards to increase application performance
 - Scalable storage supporting virtual machines, containerized apps, centralized storage, backup, sharing, and disaster recovery
 - QuTS hero combines ZFS advantages with the QTS App Center ecosystem to empower your business
- Xeon D-1622 2.6 GHz, 16 GB DDR4, 5GB, 6x 3.5" + 2x 2.5", 2x M.2, 4x 2.5G LAN, 3x USB 3.2, 231.9x292.9x319.8 mm

| Storage | | Performance | |
|--------------------------------------|------------------------------------|-------------------------------------|---|
| Supported storage drive interfaces | Serial ATA II, Serial ATA III | Type * | NAS |
| Storage drive sizes supported | 2.5,3.5" | Device class * | Large Enterprise Business |
| Number of M.2 (M & B) slots | 2 | Backup function * | ✓ |
| RAID support * | ✓ | Backup features | Cloud, iSCSI LUN |
| RAID levels | 0, 1, 5, 6, 10, 50, 60 | Buzzer | ✓ |
| Online RAID migration | ✓ | Multilingual support | ✓ |
| Online RAID expansion | ✓ | Noise level | 20.4 dB |
| RAID rebuild | ✓ | Snapshot | ✓ |
| Hot-swap drive bays | ✓ | Web-based management | ✓ |
| Supported file systems | FAT32, HFS+, NTFS, ZFS, ext3, ext4 | Security algorithms | 256-bit AES, AES, FIPS 140-2, HTTPS, SSH, SSL/TLS |
| Storage drives installed * | ✓ | Access Control List (ACL) | ✓ |
| Total installed storage capacity * | 72 TB | Reset button | ✓ |
| Number of storage drives installed * | 6 | On/off switch | ✓ |
| Number of storage drives supported * | 6 | Built-in FTP server | ✓ |
| Installed storage drive type * | HDD | Browser supported | Apple Safari 7+, Google Chrome, Microsoft Internet Explorer 10+, Mozilla Firefox |
| Supported storage drive types * | HDD & SSD | System log | ✓ |
| Bad block scan | ✓ | Hot spare | ✓ |
| Disk roaming | ✓ | S.M.A.R.T. support | ✓ |
| Processor | | Share folder | CIFS/SMB |
| Processor manufacturer * | Intel | Universal Plug and Play (UPnP) | ✓ |
| Processor family * | Intel® Xeon® D | USB copy function | ✓ |
| Processor model * | D-1622 | Software | |
| Processor frequency * | 2.6 GHz | Windows operating systems supported | Windows 10, Windows 7, Windows 8 |
| Processor boost frequency | 3.2 GHz | Linux operating systems supported | ✓ |
| Processor cores | 4 | Mac operating systems supported | Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina |
| Processor threads | 8 | Server operating systems supported | Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 |
| Processor cache | 6 MB | Power | |
| CPU configuration (max) | 1 | Power supply location | Built-in |
| On-board graphics card model | Not available | Power supply unit (PSU) capacity | 250 W |
| Memory | | Number of power supply units | 1 |
| Internal memory type | DDR4 | Power consumption (typical) | 75.79 W |
| Maximum RAM supported | 128 GB | Network | |
| Memory slots | 4 | Ethernet LAN * | ✓ |
| Internal memory * | 16 GB | | |
| Memory form factor | UDIMM | | |
| Flash memory | 5000 MB | | |

| Network | | Power | |
|---|-------------------------|---|-----------------|
| Ethernet LAN data rates | 10,100,1000,2500 Mbit/s | AC input voltage | 100 - 240 V |
| DHCP client | ✓ | AC input frequency | 50 - 60 Hz |
| DHCP server | ✓ | Weight & dimensions | |
| Jumbo frames support | ✓ | Width * | 292.9 mm |
| Supported network protocols | TCP/IP, HTTP/HTTPS | Depth * | 319.8 mm |
| WLAN adapter supported | ✓ | Height * | 231.9 mm |
| Ports & interfaces | | Weight | 8.5 kg |
| USB port * | ✓ | Packaging content | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 3 | Cables included | AC, LAN (RJ-45) |
| Ethernet LAN (RJ-45) ports * | 4 | Number of screws | 32 |
| PCI Express x8 (Gen 3.x) slots | 2 | Processor special features | |
| Design | | Embedded options available | ✗ |
| Chassis type * | Tower | Enhanced Intel SpeedStep Technology | ✓ |
| Cooling type * | Active | Execute Disable Bit | ✓ |
| Product colour | Black | Idle States | ✓ |
| Number of fans | 3 fan(s) | Intel 64 | ✓ |
| Fan diameter | 8 cm | Intel QuickAssist Technology | ✗ |
| Fan diameter 2 | 9.7 cm | Intel Trusted Execution Technology | ✓ |
| LED indicators | HDD, SSD, Status | Intel TSX-NI | ✓ |
| Built-in display | ✓ | Intel Virtualization Technology (VT-x) | ✓ |
| Cable lock slot | ✓ | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Cable lock slot type | Kensington | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| | | Operational conditions | |
| | | Operating temperature (T-T) | 0 - 35 °C |
| | | Operating relative humidity (H-H) | 5 - 95% |

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Publication date: 25-MAR-2024. Prints or copies of Information are only valid on the printed Publication date