



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



Brand : QNAP

Product code: TS-H886-D1622-16G/24TB-REDPRO

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 *	24 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	✓
<b>Processor</b>		Share folder	CIFS/SMB
Processor manufacturer *	Intel	Universal Plug and Play (UPnP)	✓
Processor family *	Intel® Xeon® D	USB copy function	✓
Processor model *	D-1622	<b>Software</b>	
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	<b>Power</b>	
CPU configuration (max)	1	Power supply location	Built-in
On-board graphics card model	Not available	Power supply unit (PSU) capacity	250 W
<b>Memory</b>		Number of power supply units	1
Internal memory type	DDR4		
Maximum RAM supported	128 GB		
Memory slots	4		
Internal memory *	16 GB		
Memory form factor	UDIMM		
Flash memory	5000 MB		
<b>Network</b>			

Network		Power	
Ethernet LAN *	✓	Power consumption (typical)	75.79 W
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	✓	<b>Weight &amp; dimensions</b>	
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
<b>Ports &amp; interfaces</b>		Weight	8.5 kg
USB port *	✓	<b>Packaging content</b>	
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	<b>Processor special features</b>	
<b>Design</b>		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)	✓
		<b>Operational conditions</b>	
		Operating temperature (T-T)	0 - 35 °C
		Operating relative humidity (H-H)	5 - 95%

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

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