



QNAP TVS-H1288X-W1250-16G NAS Tower Ethernet LAN Black W-1250



Brand : QNAP

Product code: TVS-H1288X-W1250-16G/96TB-IWP

Product name : TVS-H1288X-W1250-16G

Intel Xeon W-1250 6-core 3.3 GHz, 16 GB DDR4, 5 GB Flash, 8 x 3.5"/2.5" HDD/SSD + 4 x 2.5" SSD SATA 6Gb/s

QNAP TVS-H1288X-W1250-16G. Total installed storage capacity: 96 TB, Installed storage drive type: HDD, Supported storage drive types: HDD & SSD. Processor family: Intel® Xeon®, Processor manufacturer: Intel, Processor model: W-1250. Internal memory: 16 GB, Internal memory type: DDR4, Maximum RAM supported: 128 GB. Ethernet LAN data rates: 100,1000,2500,10000 Mbit/s, Ethernet LAN data rate supported (max): 10000 Mbit/s. HDMI version: 1.4b

Storage		Design	
Storage drive interface *	M.2, Serial ATA III	Fan diameter 2	9.7 cm
Supported storage drive interfaces	M.2, Serial ATA III	LED indicators	HDD, LAN, SSD, System, USB
Storage drive sizes supported	2.5,3.5,M.2	Built-in display	✓
Number of M.2 (M & B) slots	2	Display type	LCD
RAID support *	✓	Cable lock slot	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Cable lock slot type	Kensington
Online RAID migration	✓	Built-in speaker(s)	✓
Online RAID expansion	✓	Number of built-in speakers	1
RAID rebuild	✓	Performance	
Hot-swap drive bays	✓	Type *	NAS
Storage drives installed *	✓	Backup function *	✓
Total installed storage capacity *	96 TB	Backup features	Cloud, USB drive, iSCSI LUN
Number of storage drives installed *	12	Buzzer	✓
Number of storage drives supported *	12	Multilingual support	✓
Installed storage drive type *	HDD	Noise level	26 dB
Supported storage drive types *	HDD & SSD	Third-party support	✓
Processor		Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Processor manufacturer *	Intel	Access Control List (ACL)	✓
Processor family *	Intel® Xeon®	Reset button	✓
Processor model *	W-1250	On/off switch	✓
Processor frequency *	3.3 GHz	Built-in FTP server	✓
Processor boost frequency	4.7 GHz	Browser supported	Safari, Google Chrome, Internet Explorer, Mozilla Firefox
Processor cores	6	System log	✓
Processor threads	12	Hot spare	✓
Processor cache	12 MB	S.M.A.R.T. support	✓
CPU configuration (max)	1	Software	
Memory		Windows operating systems supported	Windows 10, Windows 7, Windows 8
Internal memory type	DDR4	Linux operating systems supported	✓
Maximum RAM supported	128 GB	Mac operating systems supported	✓
Memory slots	4	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Internal memory *	16 GB	Other operating systems supported	✓
Memory form factor	UDIMM	Power	
ECC	✓	Power supply location	Built-in
Flash memory	5000 MB	Power supply unit (PSU) capacity	550 W
Network		Power consumption (typical)	97.492 W
Ethernet LAN *	✓	Power consumption (sleep)	85.216 W
Ethernet LAN data rates	100,1000,2500,10000 Mbit/s	AC input voltage	100 - 240 V
Ethernet LAN data rate supported (max)	10000 Mbit/s	Fan voltage	12 V
DHCP server	✓		
Jumbo frames support	✓		
iSCSI support	✓		

Network		Weight & dimensions	
Wake-on-LAN ready	✓	Width *	369.9 mm
Load balancing system	✓	Depth *	319.8 mm
Dynamic DNS (DDNS)	✓	Height *	234.6 mm
Ports & interfaces		Weight	11.3 kg
USB port *	✓	Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3	Cables included	AC, LAN (RJ-45)
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Number of screws	48
HDMI ports quantity	1	Processor special features	
HDMI version	1.4b	Embedded options available	✗
Ethernet LAN (RJ-45) ports *	6	Enhanced Intel SpeedStep Technology	✓
3.5 mm (1/8-inch) out	✓	Execute Disable Bit	✓
PCI Express x4 (Gen 3.x) slots	2	Idle States	✓
PCI Express x8 (Gen 3.x) slots	1	Intel 64	✓
Microphone in	✓	Intel Clear Video Technology	✓
Audio in/out	✓	Intel Trusted Execution Technology	✓
Design		Intel Virtualization Technology (VT-x)	✓
Chassis type *	Tower	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Cooling type *	Active	Intel VT-x with Extended Page Tables (EPT)	✓
Product colour	Black	Operational conditions	
Number of fans	5 fan(s)	Operating temperature (T-T)	0 - 40 °C
Fan diameter	8 cm	Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C

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