



QNAP TVS-H1288X-W1250-16G NAS Tower Intel® Xeon® W-1250 16 GB DDR4 48 TB HDD Black

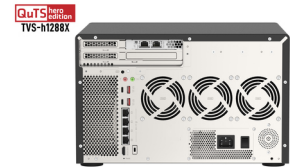
Brand : QNAP

Product code: TVS-H1288X-W1250-16G/48TB-IW

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

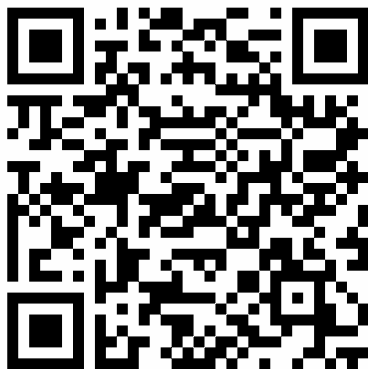
QNAP TVS-H1288X-W1250-16G. Type: NAS. Chassis type: Tower. Processor family: Intel® Xeon®, Processor model: W-1250, Processor frequency: 3.3 GHz. Internal memory: 16 GB, Internal memory type: DDR4. Total installed storage capacity: 48 TB, Installed storage drive type: HDD



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 *	48 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 *	16 GB	Linux operating systems supported	✓
Internal memory type	DDR4	Mac operating systems supported	✓
Maximum RAM supported	128 GB		
Memory slots	4		
Memory form factor	UDIMM		
ECC	✓		
Flash memory	5000 MB		

Network		Software	
Ethernet LAN *	✓	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Ethernet LAN data rates	100,1000,2500,10000 Mbit/s		
Ethernet LAN data rate supported (max)	10000 Mbit/s	Other operating systems supported	✓
DHCP server	✓	Power	
Jumbo frames support	✓	Power supply location	Built-in
iSCSI support	✓	Power supply unit (PSU) capacity	550 W
Wake-on-LAN ready	✓	Power consumption (typical)	97.492 W
Load balancing system	✓	Power consumption (sleep)	85.216 W
Dynamic DNS (DDNS)	✓	AC input voltage	100 - 240 V
Ports & interfaces		Fan voltage	12 V
USB port *	✓	Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3	Width *	369.9 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Depth *	319.8 mm
HDMI ports quantity	1	Height *	234.6 mm
HDMI version	1.4b	Weight	11.3 kg
Ethernet LAN (RJ-45) ports *	6	Packaging content	
3.5 mm (1/8-inch) out	✓	Cables included	AC, LAN (RJ-45)
Microphone in	✓	Number of screws	48
Audio in/out	✓	Processor special features	
PCI Express x4 (Gen 3.x) slots	2	Embedded options available	✗
PCI Express x8 (Gen 3.x) slots	1	Enhanced Intel SpeedStep Technology	✓
Design		Execute Disable Bit	✓
Chassis type *	Tower	Idle States	✓
Cooling type *	Active	Intel 64	✓
Product colour	Black	Intel Clear Video Technology	✓
Number of fans	5 fan(s)	Intel Trusted Execution Technology	✓
Fan diameter	8 cm	Intel Virtualization Technology (VT-x)	✓
		Intel Virtualization Technology for Directed I/O (VT-d)	✓
		Intel VT-x with Extended Page Tables (EPT)	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C

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