



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



**Brand :** QNAP

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

**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	✓	<b>Performance</b>	
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	✓
<b>Processor</b>		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	<b>Software</b>	
<b>Memory</b>		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	<b>Power</b>	
ECC	✓	Power supply location	Built-in
Flash memory	5000 MB	Power supply unit (PSU) capacity	550 W
<b>Network</b>		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	✓		

<b>Network</b>		<b>Weight &amp; dimensions</b>	
Wake-on-LAN ready	✓	Width *	369.9 mm
Load balancing system	✓	Depth *	319.8 mm
Dynamic DNS (DDNS)	✓	Height *	234.6 mm
<b>Ports &amp; interfaces</b>		Weight	11.3 kg
USB port *	✓	<b>Packaging content</b>	
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	<b>Processor special features</b>	
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	✓
<b>Design</b>		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	<b>Operational conditions</b>	
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

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