



QNAP TS-473A-8G/16TB-EXOS NAS/storage server Tower Ryzen Embedded V1500B 8 GB DDR4 HDD QNAP Turbo System Black



Brand : QNAP

Product code: TS-473A-8G/16TB-EXOS

Product name : TS-473A-8G/16TB-EXOS

- Both 2.5GbE ports are backwards compatible with 1GbE/ 100MbE speeds. Up to 5 Gbps transfer speeds can be achieved by using port trunking
 - Add extra functionality with PCIe cards, including 10GbE ports, SSD caching, extra USB 3.2 Gen 2 ports, wireless networking, or Fibre Channel
 - Supports entry-level NVIDIA® graphics cards for video processing or GPU-passthrough to VMs
 - Features two M.2 PCIe NVMe SSD slots for Qtier Technology and SSD Caching enable constant storage optimization
 - Host containerized applications and virtual machines with various operating systems
 - Features QTS operating system and supports switching to ZFS-based QuTS hero for greater reliability
- AMD Ryzen Embedded V1500B (4x 2.2 GHz), 8GB DDR4, 4x 2.5"/3.5" SATA, 3x Type-A USB 3.2 Gen, HDMI, 1x Type-C USB 3.2 Gen

Storage		Design	
Storage drive interface *	Serial ATA II, Serial ATA III	Product colour	Black
Supported storage drive interfaces	M.2, Serial ATA II, Serial ATA III	Number of fans	2 fan(s)
Storage drive sizes supported	2.5,3.5,M.2	Fan diameter	12 cm
Number of system drives installed	1	Fan diameter 2	6 cm
System drive capacity	5 GB	Drive bay locking	✓
Number of M.2 (M & B) slots	2	LED indicators	✓
RAID support *	✓	Performance	
RAID levels	0, 1, 5, 6, 10, JBOD	Type *	NAS
Online RAID migration	✓	Device class *	Small & Medium Business
Online RAID expansion	✓	Backup function *	✓
RAID rebuild	✓	Backup features	Cloud, USB drive, iSCSI LUN
Hot-swap drive bays	✓	Buzzer	✓
Storage drives installed *	✓	Noise level	21.4 dB
Total installed storage capacity *	16 TB	Snapshot	✓
Number of storage drives installed *	4	Security algorithms	256-bit AES, FIPS 140-2, SSH, SSL/TLS
Number of storage drives supported *	4	Reset button	✓
Installed storage drive type *	HDD	On/off switch	✓
Supported storage drive types *	HDD & SSD	Built-in FTP server	✓
Processor		Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Processor manufacturer *	AMD	Password authentication	✓
Processor family *	Ryzen Embedded	Disk scan	✓
Processor model *	V1500B	S.M.A.R.T. support	✓
Processor frequency *	2.2 GHz	Remotely operated	✓
Processor cores	4	USB copy function	✓
Processor threads	8	Software	
Memory		Operating system installed *	QNAP Turbo System
Internal memory *	8 GB	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Internal memory type	DDR4	Linux operating systems supported	✓
Maximum RAM supported	64 GB	Mac operating systems supported	Mac OS X 10.10 Yosemite
Memory slots	2	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Memory form factor	SO-DIMM	Power	
Flash memory	5000 MB	Power supply location	Built-in
Network		Power supply unit (PSU) capacity	250 W
Ethernet LAN *	✓		
Ethernet LAN data rates	100,1000,2500 Mbit/s		
DHCP server	✓		
Jumbo frames support	✓		

Network		Power	
Wake-on-LAN ready	✓	Number of power supply units	1
Dynamic DNS (DDNS)	✓	Power consumption (typical)	29.792 W
WLAN adapter supported	✓	Power consumption (HDD standby)	19.576 W
Ports & interfaces		AC input voltage	100 - 240 V
USB port *	✓	AC input frequency	50 - 60 Hz
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1	Fan voltage	12 V
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	2	Width *	199.3 mm
PCI Express x4 (Gen 3.x) slots	2	Depth *	280.8 mm
Design		Height *	188.2 mm
Chassis type *	Tower	Packaging content	
Cooling type *	Active	Cables included	AC, LAN (RJ-45)
		Power cables quantity	1
		Number of screws	24
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Storage 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: 08-SEP-2024. Prints or copies of Information are only valid on the printed Publication date