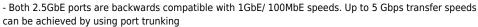
QNAP

QNAP TS-473A-8G/48TB-EXOS NAS/storage server Tower Ryzen Embedded V1500B 8 GB DDR4 HDD QNAP Turbo System Black

Brand : QNAP Product code: TS-473A-8G/48TB-EXOS

Product name: TS-473A-8G/48TB-EXOS



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

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

