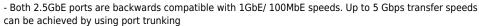
QNAP

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

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

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



- 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 RAID support * 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 *		Product colour Number of fans Fan diameter Fan diameter 2 Drive bay locking LED indicators Performance Type * Device class * Backup function * Backup features Buzzer Noise level Snapshot Security algorithms Reset button On/off switch Built-in FTP server	Black 2 fan(s) 12 cm 6 cm NAS Small & Medium Business Cloud, USB drive, iSCSI LUN 21.4 dB 256-bit AES, FIPS 140-2, SSH, SSL/TLS
Processor Processor manufacturer * Processor family * Processor model * Processor frequency * Processor cores	AMD Ryzen Embedded V1500B 2.2 GHz	Built-in FTP server Browser supported Password authentication Disk scan S.M.A.R.T. support Remotely operated	✓ Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari ✓ ✓
Processor threads	8	USB copy function	✓
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
Ethernet LAN *	√		Server 2019
Ethernet LAN data rates	100,1000,2500 Mbit/s	Power	
DHCP server	✓	Power supply location	Built-in

Network		Power	
Jumbo frames support Wake-on-LAN ready Dynamic DNS (DDNS) WLAN adapter supported	* * * * *	Power supply unit (PSU) capacity Number of power supply units Power consumption (typical) Power consumption (HDD standby)	250 W 1 29.792 W 19.576 W
Ports & interfaces		AC input voltage	100 - 240 V
USB port * USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1	AC input frequency Fan voltage	50 - 60 Hz 12 V
	1	Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3	Width * Depth *	199.3 mm 280.8 mm
Ethernet LAN (RJ-45) ports *	2	Height *	188.2 mm
PCI Express x4 (Gen 3.x) slots	2		100.2
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%

