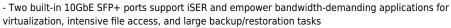
QNAP

QNAP TS-H2477XU-RP-3700X-32G/384TB-EX NAS/storage server Rack (4U) AMD Ryzen™ 7 32 GB DDR4 HDD QuTS hero Black

Brand : QNAP **Product code:** TS-H2477XU-RP-3700X-32G/384TB-EX

Product name : TS-H2477XU-RP-3700X-32G/384TB-EX



- PCIe slots allow for installing 5/10/25GbE adapters, QM2 cards, or Fibre Channel cards to increase application potential and performance
- SSD cache acceleration improves random read performance to boost IOPS-demanding applications
- Supports storage for virtualization, and directly hosts virtual machines and containers
- Cloud storage gateways realize hybrid cloud applications by working with the cache space reserved on NAS to ensure low-latency data access to the cloud
- Experience a business-class backup center, supporting backup/restore of cloud data and VMs (including Google Workspace, Microsoft 365, VMware and Hyper-V)

AMD Ryzen 7 3700X, 32 GB DDDR4, 5 GB, 24x 3.5" SATA, 1G RJ-45, 10G SFP+, PCIe, USB, 4U, 176.15×481.04×672.02 mm





Storage		Ports & interfaces	
Supported storage drive interfaces Storage drive sizes supported RAID support * RAID levels	Serial ATA II, Serial ATA III 2.5,3.5" ✓ 0, 1, 5, 6, 10, 50, 60	Fiber optic connector Ethernet LAN (RJ-45) ports * PCI Express x4 (Gen 3.x) slots PCI Express x8 (Gen 3.x) slots	SFP+ 2 2 2
Online RAID migration	✓	Design	
Online RAID expansion Hot-swap drive bays Supported file systems Storage drives installed * Total installed storage capacity * Number of storage drives installed *	✓ FAT32, HFS+, NTFS, ZFS, ext3, ext4 ✓ 384 TB 24	Chassis type * Cooling type * Product colour Number of fans Fan diameter LED indicators	Rack (4U) Active Black 4 fan(s) 9.2 cm
Number of storage drives supported		Performance	
Installed storage drive type * Supported storage drive types * Auto-rebuild Bad block scan Disk roaming	HDD & SSD ✓	Type * Device class * Backup function * Backup features Buzzer	NAS Large Enterprise Business ✓ Cloud, iSCSI LUN
Processor		Multilingual support	√
Processor manufacturer * Processor generation Processor family * Processor model * Processor frequency * Processor boost frequency Processor cores Processor threads	AMD AMD Ryzen 3000 Series AMD Ryzen™ 7 3700X 3.6 GHz 4.4 GHz 8 16	Snapshot Web-based management Security algorithms Reset button On/off switch Browser supported System log	256-bit AES, HTTPS, SSH, SSL/TLS Internet Explorer 10+, Chrome, Safari 7+, Firefox
Memory		Hot spare	✓
Internal memory * Internal memory type	32 GB DDR4	S.M.A.R.T. support Universal Plug and Play (UPnP)	<i>y</i>
Maximum RAM supported Memory slots Memory form factor Flash memory	128 GB 4 UDIMM 5000 MB	Software Operating system installed * Operating system version Windows operating systems supported	QuTS hero 4.5 Windows 10, Windows 7, Windows 8

Network		Software	
Ethernet LAN *	✓	Linux operating systems supported	1
Ethernet LAN data rates Ethernet LAN data rate supported (max)	1000,10000 Mbit/s 10000 Mbit/s	Mac operating systems supported	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X
DHCP client	✓		10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur
DHCP server	✓		Windows Server 2008 R2, Windows
Jumbo frames support	✓	Server operating systems supported	Server 2012 Windows Server 2012
iSCSI support	✓		
Wake-on-LAN ready	/	Power	55.75. 2525
Supported network protocols	FTP/FTPS, HTTP/HTTPS		
Link aggregation	V	Power supply location	Built-in
Load balancing system	✓	Power supply unit (PSU) capacity	800 W
Dynamic DNS (DDNS)	✓	Number of power supply units	2
WLAN adapter supported	✓	AC input voltage Fan voltage	100-240 V 12 V
Ports & interfaces		Weight & dimensions	
USB port *	✓	Width *	481 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Depth *	672 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Height * Weight	176.2 mm 22.7 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Packaging content	
Fiber ports quantity	2	Cables included Power cables quantity Number of screws	AC, LAN (RJ-45) 2 192
		Operational conditions	
		Operating temperature (T-T) Operating relative humidity (H-H) Storage temperature (T-T)	0 - 40 °C 5 - 95% -20 - 70 °C

