QNAP TS-H2477XU-RP-3700X-32G/192TB-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/192TB-EX

Product name : TS-H2477XU-RP-3700X-32G/192TB-EX

- Two built-in 10GbE SFP+ ports support iSER and empower bandwidth-demanding applications for virtualization, intensive file access, and large backup/restoration tasks
- 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	
Supported storage drive interfaces	Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, 50, 60
Online RAID migration	✔
Online RAID expansion	✔
Hot-swap drive bays	✔
Supported file systems	FAT32, HFS+, NTFS, ZFS, ext3, ext4
Storage drives installed *	✔
Total installed storage capacity *	192 TB
Number of storage drives installed *	24
Number of storage drives supported *	24
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD
Auto-rebuild	✔
Bad block scan	✔
Disk roaming	✔

Processor	
Processor manufacturer *	AMD
Processor generation	AMD Ryzen 3000 Series
Processor family *	AMD Ryzen™ 7
Processor model *	3700X
Processor frequency *	3.6 GHz
Processor boost frequency	4.4 GHz
Processor cores	8
Processor threads	16

Memory	
Internal memory *	32 GB
Internal memory type	DDR4
Maximum RAM supported	128 GB
Memory slots	4
Memory form factor	UDIMM
Flash memory	5000 MB

Ports & interfaces	
Fiber optic connector	SFP+
Ethernet LAN (RJ-45) ports *	2
PCI Express x4 (Gen 3.x) slots	2
PCI Express x8 (Gen 3.x) slots	2

Design	
Chassis type *	Rack (4U)
Cooling type *	Active
Product colour	Black
Number of fans	4 fan(s)
Fan diameter	9.2 cm
LED indicators	✔

Performance	
Type *	NAS
Device class *	Large Enterprise Business
Backup function *	✔
Backup features	Cloud, iSCSI LUN
Buzzer	✔
Multilingual support	✔
Snapshot	✔
Web-based management	✔
Security algorithms	256-bit AES, HTTPS, SSH, SSL/TLS
Reset button	✔
On/off switch	✔
Browser supported	Internet Explorer 10+, Chrome, Safari 7+, Firefox
System log	✔
Hot spare	✔
S.M.A.R.T. support	✔
Universal Plug and Play (UPnP)	✔

Software	
Operating system installed *	QuTS hero
Operating system version	4.5
Windows operating systems supported	Windows 10, Windows 7, Windows 8

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	1000,10000 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
DHCP client	✔
DHCP server	✔
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Supported network protocols	FTP/FTPS, HTTP/HTTPS
Link aggregation	✔
Load balancing system	✔
Dynamic DNS (DDNS)	✔
WLAN adapter supported	✔

Ports & interfaces	
USB port *	✔
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Fiber ports quantity	2

Software	
Linux operating systems supported	✔
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 10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

Power	
Power supply location	Built-in
Power supply unit (PSU) capacity	800 W
Number of power supply units	2
AC input voltage	100-240 V
Fan voltage	12 V

Weight & dimensions	
Width *	481 mm
Depth *	672 mm
Height *	176.2 mm
Weight	22.7 kg

Packaging content	
Cables included	AC, LAN (RJ-45)
Power cables quantity	2
Number of screws	192

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 70 °C

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: 28-NOV-2024. Prints or copies of Information are only valid on the printed Publication date