Brand: QNAP

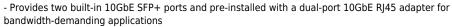
QNAP TS-h1277XU-RP-3700X-128G 48TB 12x4TB Seagate Exos 12 Bay NAS Rackmount Rack (2U) AMD Ryzen™ 7 128 GB DDR4 HDD Black, Grey

QuTS hero edition

Product code: TS-H1277XU-RP-3700X-128G/48TB-EXOS

Product name: TS-h1277XU-RP-3700X-128G 48TB 12x4TB Seagate Exos 12 Bay NAS

Rackmount



- PCle expandability allows for 10GbE/25GbE/40GbE adapters, QM2 cards, or Fibre Channel cards to increase application performance
- SSD cache acceleration improves random read/write performance to meet IPOS-demanding applications
- Supports virtualization storage for VMware®, Citrix®, Microsoft® Hyper-V® and Windows Server® 2019, and hosts virtual machines and containers
- Supports block-based and file-based cloud storage gateways with local cache for low-latency access to
- QTS App Center includes feature-rich apps for expanding NAS applications without extra costs TS-h1277XU-RP, AMD Ryzen 7 3700X, DDR4, 5 GB, 12x SATA III, 1G RJ-45, 10G SFP+, USB 3.1, 2U, 88.3x482x562 mm







Storage		Ports & interfaces	
Supported storage drive interfaces	Serial ATA II, Serial ATA III	PCI Express x8 (Gen 3.x) slots	2
Storage drive sizes supported	2.5,3.5"	Design	
RAID support * RAID levels Online RAID migration Online RAID expansion RAID rebuild Hot-swap drive bays	✓ 0, 1, 5, 6, 10, 50, 60, JBOD ✓ ✓ ✓	Chassis type * Cooling type * Product colour Number of fans Fan diameter LED indicators	Rack (2U) Active Black, Grey 2 fan(s) 7 cm HDD, LAN, Status
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Performance	
Storage drives installed * Total installed storage capacity * Number of storage drives installed * Number of storage drives supported *		Type * Device class * Backup function * Backup features	NAS Small & Medium Business ✓ Cloud, iSCSI LUN
Installed storage drive type * Supported storage drive types *	HDD & SSD	Buzzer Multilingual support Noise level	✓ ✓ 37.2 dB
Processor			256-bit AES, FIPS 140-2, HTTPS,
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 3.4 GHz 4.4 GHz 8	Security algorithms Access Control List (ACL) Reset button On/off switch Built-in FTP server Browser supported System log	SSH, SSL/TLS Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Memory		Hot spare	✓
Internal memory * Internal memory type Maximum RAM supported	128 GB DDR4 128 GB	S.M.A.R.T. support Share folder	✓ CIFS/SMB
Memory slots	4	Software	
Memory form factor Flash memory	UDIMM 5000 MB	Windows operating systems supported Linux operating systems supported	Windows 10, Windows 7, Windows 8

Network		Software	
Ethernet LAN * Ethernet LAN data rates Ethernet LAN data rate supported (max) DHCP server Jumbo frames support iSCSI support Wake-on-LAN ready	1000,10000 Mbit/s 10000 Mbit/s	Mac operating systems supported Server 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 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks Windows Server 2003, Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Dynamic DNS (DDNS)	✓	Power	Willdows Sciver 2015
Ports & interfaces		Power supply location	Built-in
USB port * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Fiber ports quantity Fiber optic connector Ethernet LAN (RJ-45) ports * PCI Express x4 (Gen 3.x) slots	4 1 1 2 SFP+ 4 2	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical) AC input voltage Fan voltage Weight & dimensions Width * Depth * Height * Weight	300 W 2 106.66 W 100 - 240 V 12 V 482 mm 562 mm 88.3 mm 13.7 kg
		Packaging content	
		Cables included Number of screws	AC, LAN (RJ-45) 84
		Operational conditions	
		Operating temperature (T-T) Operating relative humidity (H-H)	0 - 40 °C 5 - 95%
		Logistics data	
		Harmonized System (HS) code	84714100

