



QNAP TS-H1277AXU-RP NAS Rack (2U) AMD Ryzen™ 5 16 GB DDR5 0 TB QuTS hero Black

Brand : QNAP

Product code: TS-H1277AXU-RP-R5-16G

Product name : TS-H1277AXU-RP

AMD Ryzen 7000 Series processors, DDR5, and M.2 PCIe Gen 5

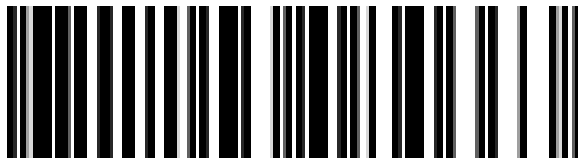
QNAP TS-H1277AXU-RP NAS Rack (2U) AMD Ryzen™ 5 16 GB DDR5 0 TB QuTS hero Black:

Powered by AMD Ryzen™ 7000 Series processors based on the cutting-edge AMD socket AM5 platform, the ZFS-based TS-h1277AXU-RP storage and backup solution unleashes superb performance and enterprise-level potential. With a revolutionary multi-core processor, DDR5 RAM, M.2 PCIe Gen 5, and redundant power supplies, the TS-h1277AXU-RP delivers excellent performance, ultra-large bandwidth, and trusted reliability for performance-demanding Tier 2 storage, virtualization, 4K video editing, and PB-level storage applications.

QNAP TS-H1277AXU-RP. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business. Processor family: AMD Ryzen™ 5. Internal memory: 16 GB, Internal memory type: DDR5. Total installed storage capacity: 0 TB. Operating system installed: QuTS hero

Storage		Performance	
Storage drive capacity *	0 GB	Management protocols	SNMP V2/V3
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Web-based management	✓
Storage drive sizes supported	2.5,3.5"	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, TLS
RAID support *	✓	Access Control List (ACL)	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Reset button	✓
Online RAID migration	✓	On/off switch	✓
Online RAID expansion	✓	Built-in FTP server	✓
RAID rebuild	✓	Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Hot-swap drive bays	✓	System log	✓
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Hot spare	✓
Storage drives installed *	✗	Disk scan	✓
Total installed storage capacity *	0 TB	S.M.A.R.T. support	✓
Number of storage drives supported *	12	Share folder	CIFS/SMB
Installed storage drive type *	✗	Software	
Supported storage drive types *	HDD & SSD	Operating system installed *	QuTS hero
Disk roaming	✓	Operating system version	h5.0.0
Processor		Windows operating systems supported	Windows 10, Windows 7, Windows 8
Processor manufacturer *	AMD	Linux operating systems supported	CentOS 7.0, Ubuntu 14.04
Processor family *	AMD Ryzen™ 5	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
Processor boost frequency	5.1 GHz	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Processor cores	6	Power	
Processor threads	12	Power supply location	Built-in
Bus type	DMI3	Power supply unit (PSU) capacity	500 W
CPU configuration (max)	1	Number of power supply units	2
Memory		Redundant power supply (RPS) support	✓
Internal memory *	16 GB	Power consumption (typical)	367.65 W
Internal memory type	DDR5	AC input voltage	100 - 240 V
Maximum RAM supported	192 GB		
Memory slots	4		
Memory form factor	UDIMM		
ECC	✓		
Flash memory	5000 MB		

Network		Power	
Ethernet LAN *	✓	AC input frequency	50 - 60 Hz
Ethernet LAN data rates	10,100,1000,2500,5000,10000 Mbit/s	Fan voltage	12 V
Ethernet LAN data rate supported (max)	10000 Mbit/s	Weight & dimensions	
Copper ethernet cabling technology	10GBASE-T	Width *	482 mm
DHCP server	✓	Depth *	550 mm
Jumbo frames support	✓	Height *	88.6 mm
iSCSI support	✓	Packaging content	
Wake-on-LAN ready	✓	Cables included	AC, LAN (RJ-45)
Supported network protocols	IPv4, IPv6	Power cables quantity	2
Dynamic DNS (DDNS)	✓	Number of screws	84
Ports & interfaces		Processor special features	
USB port *	✓	Embedded options available	✗
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Enhanced Intel SpeedStep Technology	✓
Ethernet LAN (RJ-45) ports *	4	Execute Disable Bit	✓
PCI Express x8 (Gen 4.x) slots	1	Idle States	✓
Design		Intel 64	✓
Chassis type *	Rack (2U)	Intel Enhanced Halt State	✓
Cooling type *	Active	Intel Secure Key Technology version	1.00
Product colour	Black	Intel Trusted Execution Technology	✓
Number of fans	3 fan(s)	Intel TSX-NI	✓
Fan diameter	6 cm	Intel TSX-NI version	1.00
LED indicators	HDD, LAN, Power, SSD, Status	Intel Virtualization Technology (VT-x)	✓
Performance		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Type *	NAS	Intel VT-x with Extended Page Tables (EPT)	✓
Device class *	Large Enterprise Business	Operational conditions	
Backup function *	✓	Operating temperature (T-T)	0 - 40 °C
Backup features	Cloud, iSCSI LUN	Operating relative humidity (H-H)	5 - 95%
Buzzer	✓	Storage temperature (T-T)	-20 - 70 °C
Multilingual support	✓	Storage relative humidity (H-H)	5 - 95%
Snapshot	✓	Logistics data	
		Harmonized System (HS) code	84714100



4711103084663

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: 05-APR-2025. Prints or copies of Information are only valid on the printed Publication date