## QNAP

## QNAP TS-H1277AXU-RP NAS Rack (2U) AMD Ryzen™ 5 16 GB DDR5 168 TB HDD QuTS hero Black

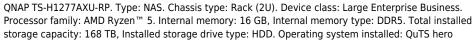
**Brand**: QNAP **Product code**: TS-H1277AXU-RP-R5-16G

Product name: TS-H1277AXU-RP

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

QNAP TS-H1277AXU-RP NAS Rack (2U) AMD Ryzen™ 5 16 GB DDR5 168 TB HDD 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.





Storage		Performance	
Storage drive capacity * Storage drive interface * Supported storage drive interfaces Storage drive sizes supported RAID support * RAID levels Online RAID migration Online RAID expansion RAID rebuild Hot-swap drive bays Supported file systems Storage drives installed * Total installed storage capacity * Number of storage drives installed * Number of storage drives supported * Installed storage drive type *		Multilingual support Snapshot Management protocols Web-based management Security algorithms Access Control List (ACL) Reset button On/off switch Built-in FTP server Browser supported System log Hot spare Disk scan S.M.A.R.T. support Share folder Software	SNMP V2/V3  SNMP V2/V3  256-bit AES, FIPS 140-2, HTTPS, TLS  Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox  CIFS/SMB
Supported storage drive types * Disk roaming	HDD & SSD ✓	Operating system installed *	QuTS hero
Processor	•	Operating system version Windows operating systems	h5.0.0 Windows 10, Windows 7, Windows 8
Processor manufacturer * Processor family * Processor boost frequency Processor cores Processor threads Bus type	AMD AMD Ryzen™ 5 5.1 GHz 6 12 DMI3	Supported Linux operating systems supported Mac operating systems supported Server operating systems supported	CentOS 7.0, Ubuntu 14.04  ✓ Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
CPU configuration (max)  Memory	1	Power supply location	Built-in
Internal memory * Internal memory type Maximum RAM supported Memory slots Memory form factor ECC	16 GB DDR5 192 GB 4 UDIMM ✓	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical) AC input voltage	500 W 2 105.12 W 100 - 240 V

Memory		Power	
Flash memory	5000 MB	AC input frequency	50 - 60 Hz
Network		Fan voltage	12 V
Ethernet LAN *	<b>✓</b>	Weight & dimensions	
Ethernet LAN data rates	10,100,1000,2500,5000,10000 Mbit/s	Width * Depth *	432 mm 511.2 mm
Ethernet LAN data rate supported (max)	10000 Mbit/s	Height *	88.6 mm
Copper ethernet cabling technology	10GBASE-T	Packaging content	
DHCP server	<b>✓</b>	Cables included	AC, LAN (RJ-45)
Jumbo frames support	<b>✓</b>	Power cables quantity	2
iSCSI support	1	Number of screws	84
Wake-on-LAN ready	1	Processor special features	
Supported network protocols	IPv4, IPv6	Embedded options available	×
Dynamic DNS (DDNS)	<b>✓</b>	Enhanced Intel SpeedStep Technology	✓
Ports & interfaces		Execute Disable Bit	✓
USB port *	✓	Idle States	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Intel 64	✓
Ethernet LAN (RJ-45) ports *	4	Intel Enhanced Halt State	✓
PCI Express x8 (Gen 4.x) slots	1	Intel Secure Key Technology version	1.00
Design		Intel Trusted Execution Technology	✓
Chassis type *	Rack (2U)	Intel TSX-NI	✓
Cooling type *	Active	Intel TSX-NI version	1.00
Product colour	Black	Intel Virtualization Technology (VT-x)	✓
Number of fans Fan diameter	2 fan(s) 6 cm	Intel Virtualization Technology for Directed I/O (VT-d)	<b>✓</b>
LED indicators	HDD, LAN, Power, SSD, Status	Intel VT-x with Extended Page Tables (EPT)	<b>✓</b>
Performance		Operational conditions	
Type *	NAS	Operating temperature (T-T)	0 - 40 °C
Device class *	Large Enterprise Business	Operating relative humidity (H-H)	5 - 95%
Backup function *	<b>✓</b>	Storage temperature (T-T)	-20 - 70 °C
Backup features	Cloud, iSCSI LUN	Storage relative humidity (H-H)	5 - 95%
Buzzer	<b>✓</b>	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.