QNAP TS-H1277AXU-RP NAS Rack (2U) AMD Ryzen[™] 7 32 GB DDR5 168 TB HDD QuTS hero Black

Brand : QNAP

Product code: TS-H1277AXU-RP-R7-32G

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[™] 7 32 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.

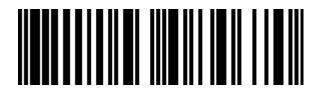
QNAP TS-H1277AXU-RP. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business. Processor family: AMD Ryzen™ 7. Internal memory: 32 GB, Internal memory type: DDR5. Total installed storage capacity: 168 TB, Installed storage drive type: HDD. Operating system installed: QuTS hero





Storage		Performance	
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 *	12	Performance 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	 SNMP V2/V3 SSOMP V2/V3 256-bit AES, FIPS 140-2, HTTPS, TLS 256-bit AES, FIPS 140-2, HTTPS, TLS Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox CIFS/SMB
Installed storage drive type * Supported storage drive types * Disk roaming	HDD HDD & SSD	Software Operating system installed *	QuTS hero
Processor		Operating system version Windows operating systems supported	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™ 7 5.3 GHz 8 16 DMI3	Linux operating systems supported Mac operating systems supported Server operating systems supported	CentOS 7.0, Ubuntu 14.04 Vindows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
CPU configuration (max) Memory	1	Power	Durits in
Internal memory * Internal memory type Maximum RAM supported Memory slots Memory form factor ECC	32 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	Built-in 500 W 2 ✓ 105.12 W 100 - 240 V

Memory		Power	
•	5000 MD		
Flash memory	5000 MB	AC input frequency	50 - 60 Hz
Network		Fan voltage	12 V
Ethernet LAN *	1	Weight & dimensions	
Ethernet LAN data rates	10,100,1000,2500,5000,10000	Width *	432 mm
	Mbit/s	Depth *	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	1	Cables included	AC, LAN (RJ-45)
Jumbo frames support	1	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)	1	Enhanced Intel SpeedStep Technology	✓
Ports & interfaces		Execute Disable Bit	<i>✓</i>
USB port *	1	Idle States	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A	2	Intel 64	1
ports quantity Ethernet LAN (PL 45) ports *	4	Intel Enhanced Halt State	1
Ethernet LAN (RJ-45) ports * PCI Express x8 (Gen 4.x) slots	1	Intel Secure Key Technology version	1.00
	-	Intel Trusted Execution Technology	v
Design		Intel TSX-NI	1
Chassis type *	Rack (2U)	Intel TSX-NI version	1.00
Cooling type * Product colour	Active Black	Intel Virtualization Technology (VT- x)	1
Number of fans Fan diameter	2 fan(s) 6 cm	Intel Virtualization Technology for Directed I/O (VT-d)	1
LED indicators	HDD, LAN, Power, SSD, Status	Intel VT-x with Extended Page Tables (EPT)	1
Performance		Operational conditions	
Type *	NAS	-	0 - 40 °C
Device class *	Large Enterprise Business	Operating temperature (T-T) Operating relative humidity (H-H)	0 - 40 °C 5 - 95%
Backup function *		Storage temperature (T-T)	-20 - 70 °C
Backup features	Cloud, iSCSI LUN	Storage relative humidity (H-H)	5 - 95%
Buzzer	✓	Logistics data	· · ·
		-	04714100
		Harmonized System (HS) code	84714100





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