QNAP TS-H1277AXU-RP NAS Rack (2U) Ethernet LAN Black E-2136





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

Product name: TS-H1277AXU-RP

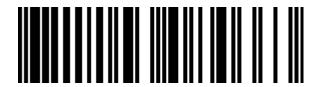
AMD Ryzen 7000 Series processors, DDR5, and M.2 PCle Gen 5

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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 PBlevel storage applications.

Storage		Performance	
Storage 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	14 TB Serial ATA II, Serial ATA III Serial ATA II, Serial ATA III 2.5,3.5" 0, 1, 5, 6, 10, 50, 60, JBOD FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Performance Device class * Backup function * Backup features Buzzer Multilingual support Snapshot Web-based management Security algorithms Access Control List (ACL) Reset button On/off switch Built-in FTP server	Large Enterprise Business Cloud, iSCSI LUN 256-bit AES, FIPS 140-2, TLS
Storage drives installed * Total installed storage capacity * Number of storage drives installed * Number of storage drives supported * Installed storage drive type * Supported storage drive types * Disk roaming		Browser supported System log Hot spare Disk scan S.M.A.R.T. support Share folder	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox CIFS/SMB
-	*	Software	
Processor Processor manufacturer * Processor family * Processor model * Processor frequency * Processor boost frequency Processor cores Processor threads Processor cache	Intel Intel Xeon E E-2136 3.3 GHz 4.5 GHz 6 12 12 MB	Operating system installed * Operating system version Windows operating systems supported Linux operating systems supported Mac operating systems supported Server operating systems supported	QuTS hero h5.0.0 Windows 10, Windows 7, Windows 8 Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Bus type	DMI3	Power	
CPU configuration (max) Memory Internal memory type Maximum RAM supported Memory slots Internal memory * Memory form factor ECC Flash memory	DDR4 16 GB 4 16 GB UDIMM ✓ 5000 MB	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical) AC input voltage AC input frequency Fan voltage	Built-in 500 W 2 ✓ 105.12 W 100 - 240 V 50 - 60 Hz 12 V
Network		Weight & dimensions	
Ethernet LAN * Ethernet LAN data rates	1000,10000 Mbit/s	Width * Depth *	482 mm 562 mm

Network		Weight & dimensions	
Ethernet LAN data rate supported (max)	10000 Mbit/s	Height *	88.3 mm
DHCP client	✓	Packaging content	
DHCP server	·	Cables included	AC, LAN (RJ-45)
Jumbo frames support	√	Power cables quantity	2
iSCSI support	✓	Number of screws	84
Wake-on-LAN ready	✓	Processor special features	
Dynamic DNS (DDNS)	✓	Embedded options available	×
Ports & interfaces		Enhanced Intel SpeedStep Technology	✓
USB port *	✓	Execute Disable Bit	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	4	Idle States	,
USB 3.2 Gen 2 (3.1 Gen 2) Type-C	2	Intel 64	✓
ports quantity	2	Intel Enhanced Halt State	✓
Fiber ports quantity	2	Intel Secure Key Technology version	1.00
Fiber optic connector	SFP+	Intel Trusted Execution Technology	✓
Ethernet LAN (RJ-45) ports *	6	Intel TSX-NI	✓
PCI Express x4 (Gen 3.x) slots	2	Intel TSX-NI version	1.00
PCI Express x8 (Gen 3.x) slots	1	Intel Virtualization Technology (VT-x)	✓
Design Chassis type *	Rack (2U)	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Cooling type *	Active	Intel VT-x with Extended Page	
Product colour	Black	Tables (EPT)	✓
Number of fans	2 fan(s)	Operational conditions	
Fan diameter	6 cm	Operating temperature (T-T)	0 - 40 °C
LED indicators	HDD, LAN, Status	Operating relative humidity (H-H)	5 - 95%
Performance		Storage temperature (T-T)	-20 - 70 °C
Type *	NAS	Storage relative humidity (H-H)	5 - 95%
		Logistics data	
		Harmonized System (HS) code	84714100



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