QNAP TS-H1277AXU-RP NAS Rack (2U) Intel Xeon E E-2136 32 GB DDR4 168 TB HDD QuTS hero Black

Brand : QNAP

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



AMD Ryzen[™] 7000 Series processors, DDR5, and M.2 PCIe 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 PB-level storage applications.

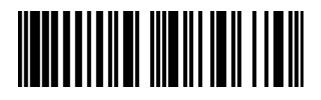
QNAP TS-H1277AXU-RP. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business. Processor family: Intel Xeon E, Processor model: E-2136, Processor frequency: 3.3 GHz. Internal memory: 32 GB, Internal memory type: DDR4. Total installed storage capacity: 168 TB, Installed storage drive type: HDD. Operating system installed: QuTS hero

Storage		Performance	
Storage drive capacity *	14 TB	Device class *	Large Enterprise Business
Storage drive interface *	Serial ATA II, Serial ATA III	Backup function *	1
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Backup features	Cloud, iSCSI LUN
Storage drive sizes supported	2.5,3.5"	Buzzer	1
RAID support *	1	Multilingual support	1
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Snapshot	1
Online RAID migration	1	Web-based management	1
Online RAID expansion	1	Security algorithms	256-bit AES, FIPS 140-2, TLS
RAID rebuild	1	Access Control List (ACL)	1
Hot-swap drive bays	1	Reset button	1
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT,	On/off switch	1
	ext3, ext4	Built-in FTP server	1
Storage drives installed * Total installed storage capacity *	✓ 168 TB	Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Number of storage drives installed *	12	System log	1
Number of storage drives supported	12	Hot spare	✓
*		Disk scan	1
Installed storage drive type *	HDD	S.M.A.R.T. support	1
Supported storage drive types *	HDD & SSD	Share folder	CIFS/SMB
Disk roaming	1	Software	
Processor		Operating system installed *	QuTS hero
Processor manufacturer *	Intel	Operating system version	h5.0.0
Processor family * Processor model *	Intel Xeon E E-2136	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Processor frequency *	3.3 GHz	Linux operating systems supported	1
Processor boost frequency	4.5 GHz	Mac operating systems supported	1
Processor cores Processor threads Processor cache	6 12 12 MB	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Bus type	DMI3	Power	
CPU configuration (max)	1	Power supply location	Built-in
Memory		Power supply unit (PSU) capacity	500 W
Internal memory *	32 GB	Number of power supply units	2
Internal memory type		· · · · · · · ·	
, ,,	DDR4	Redundant power supply (RPS)	
Maximum RAM supported	DDR4 32 GB	Redundant power supply (RPS) support	✓
			✓ 105.12 W





Memory		Power	
ECC	1	AC input frequency	50 - 60 Hz
Flash memory	5000 MB	Fan voltage	12 V
Network			
		Weight & dimensions	
Ethernet LAN *		Width *	482 mm
Ethernet LAN data rates	1000,10000 Mbit/s	Depth *	562 mm
Ethernet LAN data rate supported (max)	10000 Mbit/s	Height *	88.3 mm
DHCP client	1	Packaging content	
DHCP server	1	Cables included	AC, LAN (RJ-45)
Jumbo frames support	1	Power cables quantity	2
iSCSI support	✓	Number of screws	84
Wake-on-LAN ready	✓	Processor special features	
Dynamic DNS (DDNS)	4	Embedded options available	×
Ports & interfaces		Enhanced Intel SpeedStep	1
USB port *	1	Technology	•
USB 3.2 Gen 2 (3.1 Gen 2) Type-A	4	Execute Disable Bit	4
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	1.00
Fiber ports quantity	2 SFP+	Intel Secure Key Technology version	
Fiber optic connector Ethernet LAN (RJ-45) ports *	6	Intel Trusted Execution Technology 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)	1
Design		Intel Virtualization Technology for	1
Chassis type *	Rack (2U)	Directed I/O (VT-d)	•
Cooling type *	Active	Intel VT-x with Extended Page Tables (EPT)	1
Product colour	Black		
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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