## QNAP TS-H1277AXU-RP NAS Rack (2U) Intel Xeon E E-2136 16 GB DDR4 168 TB HDD QuTS hero Black

Brand : QNAP

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



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

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Powered by AMD Ryzen<sup>™</sup> 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.

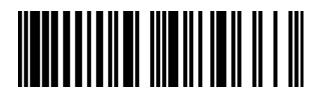
QNAP TS-H1277AXU-RP. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business. Processor family: Intel Xeon E, Processor model: E-2136, Processor frequency: 3.3 GHz. Internal memory: 16 GB, Internal memory type: DDR4. Total installed storage capacity: 168 TB, Installed storage drive 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	* 🗸
Supported storage drive interfaces Serial ATA II, Serial ATA III Backup features	Cloud, iSCSI LUN
Storage drive sizes supported 2.5,3.5" Buzzer	4
RAID support * 🗸 Multilingual supp	oort 🗸
RAID levels 0, 1, 5, 6, 10, 50, 60, JBOD Snapshot	<
Online RAID migration 🗸 Web-based mana	agement 🗸
Online RAID expansion 🖌 Security algorithm	ms 256-bit AES, FIPS 140-2, TLS
RAID rebuild 🖌 Access Control Li	ist (ACL)
Hot-swap drive bays 🗸 Reset button	<
Supported file systems FAT32, HFS+, NTFS, ZFS, exFAT, On/off switch	<
Built-in FTP serve	er 🗸
Storage drives installed * Total installed storage capacity * 168 TB Browser support	ed Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Number of storage drives installed * 12 System log	√
Number of storage drives supported 12 Hot spare	<
* Disk scan	<
Installed storage drive type * HDD S.M.A.R.T. suppo	rt 🗸
Supported storage drive types * HDD & SSD Share folder	CIFS/SMB
Disk roaming V Software	
Processor Operating system	n installed * QuTS hero
Processor manufacturer * Intel Operating system	
Processor family *         Intel Xeon E         Windows operati           Processor model *         E-2136         supported	ng systems Windows 10, Windows 7, Windows 8
Processor frequency * 3.3 GHz Linux operating s	systems supported 🛛 🗸
Processor boost frequency 4.5 GHz Mac operating sy	/stems supported 🛛 🗸
Processor cache 12 MB	systems supported systems supported systems supported server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Bus type DMI3 CPU configuration (max) 1 Power	
CPU configuration (max) 1 Power supply loc	ation Built-in
Memory Power supply uni	
Internal memory * 16 GB Number of power	
Internal memory type DDR4 Redundant powe	
Maximum RAM supported 16 GB support	•
Maximum RAM supported16 GBsupportMemory slots4Power consumption	-





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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