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[™] 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.

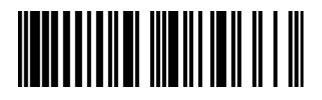
QNAP TS-H1277AXU-RP. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business. Processor family: Intel Xeon E, Processor model: E-2136, Processor frequency: 3.3 GHz. Internal memory: 16 GB, Internal memory type: DDR4. Total installed storage capacity: 168 TB, Installed storage drive 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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