



QNAP TS-H1887XU-RP NAS Rack (2U) Intel Xeon E E-2336 32 GB DDR4 48 TB QuTS hero Black, White



Brand : QNAP

Product code: TS-H1887XU-RP-E2336-32G/48TB-HC

Product name : TS-H1887XU-RP

Intel Xeon E-2336, 32 GB ECC DDR4, 5GB Flash, 12 x 3.5" + 6 x 2.5", RJ-45, USB 3.2 Gen 2, 2U, 13 kg
 QNAP TS-H1887XU-RP. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business.
 Processor family: Intel Xeon E, Processor model: E-2336, Processor frequency: 2.9 GHz. Internal memory:
 32 GB, Internal memory type: DDR4. Total installed storage capacity: 48 TB. Operating system installed:
 QuTS hero

| Storage | | Performance | |
|--------------------------------------|---|--------------------------------------|--|
| Storage drive interface * | Serial ATA | Type * | NAS |
| Supported storage drive interfaces | Serial ATA | Device class * | Large Enterprise Business |
| Storage drive sizes supported | 2.5,3.5" | Backup function * | ✓ |
| System drive sizes supported | 3.5" | Backup features | Cloud, iSCSI LUN |
| RAID support * | ✓ | Number of users | 16000 user(s) |
| RAID levels | 1, 5, 6, 10, 50, 60, JBOD | Snapshot | ✓ |
| Online RAID expansion | ✓ | Management protocols | SMB/CIFS, AFP, NFS |
| RAID rebuild | ✓ | Web-based management | ✓ |
| Supported file systems | FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4 | Share folder access right management | ✓ |
| Storage drives installed * | ✗ | Security algorithms | HTTPS, SNMPv2, SNMPv3, SSH |
| Total installed storage capacity * | 48 TB | Access Control List (ACL) | ✓ |
| Number of storage drives supported * | 18 | Reset button | ✓ |
| Installed storage drive type * | ✗ | On/off switch | ✓ |
| Supported storage drive types * | HDD & SSD | Built-in FTP server | ✓ |
| Disk roaming | ✓ | Browser supported | Apple Safari (latest version), Google Chrome (latest version), Microsoft Edge (latest version), Mozilla Firefox (latest version) |
| Processor | | System log | ✓ |
| Processor manufacturer * | Intel | Hot spare | ✓ |
| Processor family * | Intel Xeon E | Disk scan | ✓ |
| Processor model * | E-2336 | S.M.A.R.T. support | ✓ |
| Processor frequency * | 2.9 GHz | Share folder | Thick, Thin |
| Processor boost frequency | 4.8 GHz | Software | |
| Processor cores | 6 | Operating system installed * | QuTS hero |
| Processor threads | 12 | Operating system version | h5.0.0 |
| Processor cache | 12 MB | | |
| CPU configuration (max) | 1 | | |
| Memory | | | |
| Internal memory * | 32 GB | | |
| Internal memory type | DDR4 | | |
| Maximum RAM supported | 128 GB | | |
| Memory slots | 4 | | |
| Memory form factor | UDIMM | | |
| ECC | ✓ | | |
| Flash memory | 5000 MB | | |
| Network | | | |
| Ethernet LAN * | ✓ | | |
| Ethernet LAN data rates | 100,1000,2500 Mbit/s | | |
| Copper ethernet cabling technology | 10GBASE-T | | |

| Network | | Software | |
|---|-----------------------|---|--|
| DHCP server | ✓ | | Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 IoT Enterprise, Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64, Windows 11, Windows 11 x64, Windows 7, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 7 x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64 |
| iSCSI support | ✓ | | |
| Supported network protocols | IPv4, IPv6 | | |
| Dynamic DNS (DDNS) | ✓ | | |
| Ports & interfaces | | | |
| USB port * | ✓ | | |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 4 | | |
| Ethernet LAN (RJ-45) ports * | 4 | Windows operating systems supported | |
| Number of SATA III connectors | 18 | | |
| PCI Express x8 (Gen 4.x) slots | 1 | | |
| Design | | | |
| Chassis type * | Rack (2U) | | |
| Cooling type * | Active | | |
| Product colour | Black, White | | |
| Number of fans | 4 fan(s) | | |
| Fan diameter | 6 cm | | |
| LED indicators | HDD, LAN, Status, USB | | |
| | | Linux operating systems supported | CentOS 7.0, Ubuntu 14.04, openSUSE 12.1, openSUSE 12.2 |
| | | Mac operating systems supported | Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey, Mac OS X 13.0 Ventura |
| | | Server operating systems supported | Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 |
| | | Other operating systems supported | IBM AIX 7.1, Solaris 10 |
| | | Power | |
| | | Power supply location | Built-in |
| | | Power supply unit (PSU) capacity | 550 W |
| | | Number of power supply units | 2 |
| | | Weight & dimensions | |
| | | Width * | 483 mm |
| | | Depth * | 630 mm |
| | | Height * | 88 mm |
| | | Weight | 13 kg |
| | | Package weight | 19 kg |
| | | Processor special features | |
| | | Embedded options available | ✗ |
| | | Enhanced Intel SpeedStep Technology | ✓ |
| | | Execute Disable Bit | ✓ |
| | | Idle States | ✓ |
| | | Intel 64 | ✓ |
| | | Intel Trusted Execution Technology | ✓ |
| | | Intel Virtualization Technology (VT-x) | ✓ |
| | | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| | | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| | | Operational conditions | |
| | | Operating temperature (T-T) | 0 - 40 °C |
| | | Operating relative humidity (H-H) | 5 - 95% |
| | | Storage temperature (T-T) | -20 - 70 °C |

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