



# QNAP TS-H1887XU-RP NAS Rack (2U) Intel Xeon E E-2336 32 GB DDR4 144 TB QuTS hero Black, White



**Brand :** QNAP

**Product code:** TS-H1887XU-RP-E2336-32G/144TB-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: 144 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 *	144 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		Software	
Processor manufacturer *	Intel	System log	✓
Processor family *	Intel Xeon E	Hot spare	✓
Processor model *	E-2336	Disk scan	✓
Processor frequency *	2.9 GHz	S.M.A.R.T. support	✓
Processor boost frequency	4.8 GHz	Share folder	Thick, Thin
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 Professional x64, 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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Publication date: 08-AUG-2024. Prints or copies of Information are only valid on the printed Publication date