

# QNAP TS-H2287XU-RP NAS Teline ( 3U ) Intel Xeon E E-2378 64 GB DDR4 0 TB QuTS hero musta, Valkoinen



**Tuotemerkki :** QNAP

**Tuotekoodi:** TS-H2287XU-RP-E2378-64G

**Tuotteen nimi :** TS-H2287XU-RP

QNAP TS-H2287XU-RP. Malli: NAS. Alustatyyppi: Teline ( 3U ). Laitteen luokka: Suuryritys. Suoritinperhe: Intel Xeon E, Prosessorimalli: E-2378, Prosessorin taajuus: 2,6 GHz. Sisäinen muisti: 64 GB, Sisäisen muistin tyyppi: DDR4. Asennetun muistin kokonaiskapasiteetti: 0 TB. Käyttöjärjestelmä asennettu: QuTS hero

Storage		Performance	
Storage drive interface *	Serial ATA III	Number of users	16000 user(s)
Supported storage drive interfaces	Serial ATA III	Snapshot	✓
Storage drive sizes supported	2.5,3.5"	Management protocols	SMB/CIFS, AFP, NFS
System drive sizes supported	3.5"	Web-based management	✓
RAID support *	✓	Share folder access right management	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Security algorithms	HTTPS, SNMPv2, SNMPv3, SSH
Online RAID migration	✓	Access Control List (ACL)	✓
Online RAID expansion	✓	Reset button	✓
RAID rebuild	✓	On/off switch	✓
Hot-swap drive bays	✓	Built-in FTP server	✓
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Browser supported	Apple Safari (latest version), Google Chrome (latest version), Microsoft Edge (latest version), Mozilla Firefox (latest version)
Storage drives installed *	✗	System log	✓
Total installed storage capacity *	0 TB	Hot spare	✓
Number of storage drives supported *	22	Disk scan	✓
Supported storage drive types *	HDD & SSD	S.M.A.R.T. support	✓
Auto-rebuild	✓	Share folder	Thick, Thin
Disk roaming	✓		
Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	QuTS hero
Processor family *	Intel Xeon E	Operating system version	h5.0.0
Processor model *	E-2378		
Processor frequency *	2.6 GHz		
Processor boost frequency	4.8 GHz		
Processor cores	8		
Processor threads	16		
Processor cache	16 MB		
CPU configuration (max)	1		
Memory			
Internal memory *	64 GB		
Internal memory type	DDR4		
Maximum RAM supported	128 GB		
Memory slots	4		
Memory form factor	UDIMM		

Memory		Software	
ECC	✓		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
Flash memory	5000 MB		
Network			
Ethernet LAN *	✓		
Ethernet LAN data rates	100,1000,2500 Mbit/s		
Copper ethernet cabling technology	10GBASE-T		
DHCP server	✓		
iSCSI support	✓	Windows operating systems supported	
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		
Number of SATA III connectors	22		
PCI Express x8 (Gen 4.x) slots	1		
Design		Linux operating systems supported	CentOS 7.0, Ubuntu 14.04, openSUSE 12.1, openSUSE 12.2
Chassis type *	Rack (3U)		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
Cooling type *	Active	Mac operating systems supported	
Product colour	Black, White		
Number of fans	4 fan(s)		
Fan diameter	6 cm		
Fan diameter 2	8 cm		
LED indicators	HDD, LAN, Status, USB	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Performance		Other operating systems supported	IBM AIX 7.1, Solaris 10
Type *	NAS		
Device class *	Large Enterprise Business		
Backup function *	✓		
Backup features	Cloud, iSCSI LUN		
Multilingual support	✓		
		Power	
		Power supply location	Built-in
		Power supply unit (PSU) capacity	550 W
		Number of power supply units	2
		Redundant power supply (RPS) support	✓
		Power consumption (typical)	228 W
		Power consumption (HDD standby)	165.39 W
		Weight & dimensions	
		Width *	432 mm
		Depth *	511.5 mm
		Height *	133 mm
		Weight	15.6 kg
		Package weight	22.1 kg
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Power cables quantity	2
		Quick installation guide	✓
		Number of screws	128
		Processor special features	
		Enhanced Intel SpeedStep Technology	✓
		Execute Disable Bit	✓
		Idle States	✓
		Intel 64	✓
		Intel Trusted Execution Technology	✓
		Intel Virtualization Technology (VT-x)	✓

#### Processor special features

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

#### Other features

Fibre Channel	✓
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