



# QNAP TS-H3087XU-RP NAS Rack (4U) Intel Xeon E E-2378 64 GB DDR4 432 TB QuTS hero Black, White



**Brand :** QNAP

**Product code:** TS-H3087XU-RP-E2378-64G/432TB-HC

**Product name :** TS-H3087XU-RP

Intel Xeon E-2378, 64 GB ECC DDR4, 5GB Flash, 24 x 3.5" SATA + 6 x 2.5" SATA, RJ-45, USB 3.2 Gen 2, 4U, 21.78 kg  
 QNAP TS-H3087XU-RP. Type: NAS. Chassis type: Rack (4U). Device class: Large Enterprise Business.  
 Processor family: Intel Xeon E, Processor model: E-2378, Processor frequency: 2.6 GHz. Internal memory: 64 GB, Internal memory type: DDR4. Total installed storage capacity: 432 TB. Operating system installed: QuTS hero

Storage		Performance	
Storage drive interface *	Serial ATA	Backup function *	✓
Supported storage drive interfaces	Serial ATA	Backup features	Cloud, iSCSI LUN
Storage drive sizes supported	2.5,3.5"	Multilingual support	✓
System drive sizes supported	3.5"	Number of users	16000 user(s)
RAID support *	✓	Snapshot	✓
RAID levels	1, 5, 6, 10, 50, 60, JBOD	Management protocols	SMB/CIFS, AFP, NFS
Online RAID expansion	✓	Web-based management	✓
RAID rebuild	✓	Share folder access right management	✓
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Security algorithms	HTTPS, SNMPv2, SNMPv3, SSH
Storage drives installed *	✗	Access Control List (ACL)	✓
Total installed storage capacity *	432 TB	Reset button	✓
Number of storage drives supported *	30	On/off switch	✓
Installed storage drive type *	✗	Built-in FTP server	✓
Supported storage drive types *	HDD & SSD		Apple Safari (latest version), Google Chrome (latest version), Microsoft Edge (latest version), Mozilla Firefox (latest version)
Auto-rebuild	✓	Browser supported	
Disk roaming	✓	System log	✓
		Hot spare	✓
		Disk scan	✓
		S.M.A.R.T. support	✓
		Share folder	Thick, Thin
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		
ECC	✓		
Flash memory	5000 MB		
Network			
Ethernet LAN *	✓		
Ethernet LAN data rates	100,1000,2500 Mbit/s		

Network		Software	
Copper ethernet cabling technology	10GBASE-T		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
DHCP server	✓	Windows operating systems supported	
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		
Number of SATA III connectors	30		
PCI Express x8 (Gen 4.x) slots	1		
Design			
Chassis type *	Rack (4U)		
Cooling type *	Active		
Product colour	Black, White		
Number of fans	4 fan(s)		
Fan diameter	8 cm		
LED indicators	HDD, LAN, Status, USB	Linux operating systems supported	CentOS 7.0, Ubuntu 14.04, openSUSE 12.1, openSUSE 12.2
Performance			
Type *	NAS	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
Device class *	Large Enterprise Business	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	800 W		
Number of power supply units	2		
Weight & dimensions			
Width *	483 mm		
Depth *	630 mm		
Height *	178 mm		
Weight	21.8 kg		
Package weight	29.6 kg		
Packaging content			
Cables included	AC, LAN (RJ-45)		
Power cables quantity	2		
Number of screws	216		
Processor special features			
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		

**Operational conditions**

Operating relative humidity (H-H) 5 - 95%  
Storage temperature (T-T) -20 - 70 °C

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 08-AUG-2024. Prints or copies of Information are only valid on the printed Publication date