



QNAP TS-H3087XU-RP NAS Rack (4U) Intel Xeon E E-2378 64 GB DDR4 336 TB QuTS hero Black, White



Brand : QNAP

Product code: TS-H3087XU-RP-E2378-64G/336TB-EX

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: 336 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 *	336 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		
Auto-rebuild	✓	Browser supported	Apple Safari (latest version), Google Chrome (latest version), Microsoft Edge (latest version), Mozilla Firefox (latest version)
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	Linux operating systems supported	CentOS 7.0, Ubuntu 14.04, openSUSE 12.1, openSUSE 12.2	
Dynamic DNS (DDNS)	✓			
Ports & interfaces			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
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	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019	
PCI Express x8 (Gen 4.x) slots	1			
Design		Other operating systems supported	IBM AIX 7.1, Solaris 10	
Chassis type *	Rack (4U)	Power		
Cooling type *	Active	Power supply location	Built-in	
Product colour	Black, White	Power supply unit (PSU) capacity	800 W	
Number of fans	4 fan(s)	Number of power supply units	2	
Fan diameter	8 cm	Weight & dimensions		
LED indicators	HDD, LAN, Status, USB	Width *	483 mm	
Performance		Depth *	630 mm	
Type *	NAS	Height *	178 mm	
Device class *	Large Enterprise Business	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

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