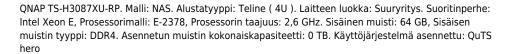
## QNAP

## QNAP TS-H3087XU-RP NAS Teline ( 4U ) Intel Xeon E E-2378 64 GB DDR4 0 TB QuTS hero musta, Valkoinen

Tuotemerkki : QNAP Tuotekoodi: TS-H3087XU-RP-E2378-64G

Tuotteen nimi: TS-H3087XU-RP







Storage		Performance	
Storage drive interface *	Serial ATA III	Multilingual support	✓
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Number of users	16000 user(s)
Storage drive sizes supported	2.5,3.5"	Snapshot	✓
System drive sizes supported	3.5"	Management protocols	SMB/CIFS, AFP, NFS
RAID support *	1	Web-based management	✓
RAID levels	1, 5, 6, 10, 50, 60, JBOD	Share folder access right	<b>,</b>
Online RAID migration	1	management	
Online RAID expansion	1	Security algorithms	HTTPS, SNMPv2, SNMPv3, SSH
RAID rebuild	✓	Access Control List (ACL)	✓
Hot-swap drive bays	<b>✓</b>	Reset button	<b>✓</b>
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT,	On/off switch	✓
	ext3, ext4	Built-in FTP server	✓
Storage drives installed *	X	Browser supported	Apple Safari (latest version), Google Chrome (latest version), Microsoft Edge (latest version), Mozilla Firefox
Total installed storage capacity *	0 TB		
Number of storage drives supported *	30		(latest version)
Installed storage drive type *	×	System log	✓
Supported storage drive types *	HDD & SSD	Hot spare	✓
Auto-rebuild	/	Disk scan	✓
Disk roaming	/	S.M.A.R.T. support	<b>✓</b>
Processor		Share folder	Thick, Thin
Processor manufacturer *	Intel	Software	
Processor family *	Intel Xeon E	Operating system installed *	QuTS hero
Processor model *	E-2378	Operating system version	h5.0.0
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		

Mamany		Software	
Memory form factor	UDIMM	Software	Windows 10 Windows 10
Memory form factor ECC	UDIMM ✓		Windows 10, Windows 10 Education, Windows 10 Education
Flash memory	5000 MB		x64, Windows 10 Enterprise, Windows 10 Enterprise x64,
Network		Windows 10 Home, Home x64, Windows	Windows 10 Home, Windows 10
Ethernet LAN *	<b>✓</b>		Home x64, Windows 10 IOT Core, Windows 10 IoT Enterprise,
Ethernet LAN data rates	100,1000,2500 Mbit/s		Windows 10 Pro, Windows 10 Pro
Copper ethernet cabling technology	, , ,		x64, Windows 10 x64, Windows 11, Windows 11 x64, Windows 7,
DHCP server	✓	Windows operating systems	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,
iSCSI support	<b>✓</b>	supported	
Supported network protocols	IPv4, IPv6		
Dynamic DNS (DDNS)	✓		
Ports & interfaces			
USB port *	1		Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 7 x64,
USB 3.2 Gen 2 (3.1 Gen 2) Type-A	4		Windows 8, Windows 8 Enterprise,
ports quantity Ethernet LAN (RI-45) ports *	4		Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows
Number of SATA III connectors	30		8 x64
PCI Express x8 (Gen 4.x) slots	1	Linux operating systems supported	CentOS 7.0, Ubuntu 14.04, openSUSE 12.1, openSUSE 12.2
Design			Mac OS X 10.10 Yosemite, Mac OS X
Chassis type *	Rack (4U)		10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra,
Cooling type *	Active	Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X
Product colour	Black, White	mae operating systems supported	10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur,
Number of fans	4 fan(s)		Mac OS X 12.0 Monterey, Mac OS X
Fan diameter LED indicators	8 cm HDD, LAN, Status, USB		13.0 Ventura Windows Server 2008 R2, Windows
Performance	TIDD, EAN, Status, USD	Server operating systems supported	Server 2012, Windows Server 2012
Type *	NAS	Server operating systems supported	R2, Windows Server 2016, Windows Server 2019
Device class *	Large Enterprise Business	Other operating systems supported	
			,
Backup function *	<b>✓</b>	Power	,
Backup function * Backup features		<b>Power</b> Power supply location	Built-in
·	<b>✓</b>		
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units	Built-in
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS)	Built-in 800 W
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units	Built-in 800 W 2
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support	Built-in 800 W 2
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)	Built-in 800 W 2
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical) Weight & dimensions	Built-in 800 W 2 ✓ 219.03 W
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height *	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight	Built-in 800 W 2  19.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content Cables included	Built-in 800 W 2  19.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg  AC, LAN (RJ-45)
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content  Cables included Power cables quantity	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg
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·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content  Cables included Power cables quantity Quick installation guide	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg  AC, LAN (RJ-45) 2
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content  Cables included Power cables quantity Quick installation guide Number of screws  Processor special features Enhanced Intel SpeedStep	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg  AC, LAN (RJ-45) 2
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content  Cables included Power cables quantity Quick installation guide Number of screws  Processor special features	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg  AC, LAN (RJ-45) 2
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content  Cables included Power cables quantity Quick installation guide Number of screws  Processor special features Enhanced Intel SpeedStep Technology	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg  AC, LAN (RJ-45) 2
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content  Cables included Power cables quantity Quick installation guide Number of screws  Processor special features Enhanced Intel SpeedStep Technology Execute Disable Bit	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg  AC, LAN (RJ-45) 2
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content  Cables included Power cables quantity Quick installation guide Number of screws  Processor special features Enhanced Intel SpeedStep Technology Execute Disable Bit Idle States	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg  AC, LAN (RJ-45) 2  ✓ 216
·	<b>✓</b>	Power supply location Power supply unit (PSU) capacity Number of power supply units Redundant power supply (RPS) support Power consumption (typical)  Weight & dimensions  Width * Depth * Height * Weight Package weight  Packaging content  Cables included Power cables quantity Quick installation guide Number of screws  Processor special features Enhanced Intel SpeedStep Technology Execute Disable Bit Idle States Intel 64	Built-in 800 W 2  219.03 W  441.6 mm 630.2 mm 176.2 mm 21.8 kg 29.6 kg  AC, LAN (RJ-45) 2  ✓ 216

Processor special features	
Intel Virtualization Technology for Directed I/O (VT-d)	1
Intel VT-x with Extended Page Tables (EPT)	✓
Operational conditions	
Operating temperature (T-T) Operating relative humidity (H-H) Storage temperature (T-T)	0 - 40 °C 5 - 95% -20 - 70 °C
Other features	
Fibre Channel	✓





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