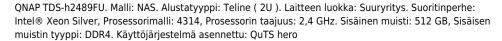
QNAP

QNAP TDS-h2489FU NAS Teline (2U) Intel® Xeon Silver 4314 512 GB DDR4 QuTS hero musta, Hopea

Tuotemerkki: QNAP Tuotekoodi: TDS-H2489FU-4314-512G

Tuotteen nimi: TDS-h2489FU







Storage		Design	
Supported storage drive interfaces Storage drive sizes supported Number of M.2 (M & B) slots RAID support * RAID levels Online RAID expansion RAID rebuild Hot-swap drive bays	M.2, Serial ATA, Serial ATA II, Serial ATA III, U.2 2.5,M.2 2 4 0, 1, 5, 6, 10, 50, 60, JBOD 4 4 4	Product colour Number of fans Fan diameter LED indicators Built-in display Display type Performance Type *	Black, Silver 6 fan(s) 6 cm Fan, Power, SSD, Status, Yes OLED NAS
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Device class * Backup function * Backup features	Large Enterprise Business ✓ Cloud, iSCSI LUN
Storage drives installed * Number of storage drives supported *	X 24	Buzzer Multilingual support	<i>y</i>
Installed storage drive type * Supported storage drive types * Auto-rebuild Disk roaming	× HDD & SSD ✓	Snapshot Security algorithms Access Control List (ACL)	✓ 256-bit AES, AES, FIPS 140-2, SNMPv2, SNMPv3, TLS ✓
Processor	•	Reset button	✓
Processor manufacturer * Processor family * Processor model * Processor frequency * Processor boost frequency Processor cores Processor threads Processor cache	Intel Intel Xeon Silver 4314 2.4 GHz 3.4 GHz 16 32 24 MB	On/off switch Built-in FTP server Browser supported System log Hot spare S.M.A.R.T. support	✓ Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox ✓ ✓
Memory		Operating system installed *	QuTS hero
Internal memory * Internal memory type Maximum RAM supported Memory slots Memory form factor ECC Flash memory	512 GB DDR4 1 TB 32 RDIMM ✓ 5000 MB	Operating system version	h5.0.0

Network		Software			
		Juliwale	Windows 10 Windows 10		
Ethernet LAN * Ethernet LAN data rates DHCP server Jumbo frames support iSCSI support Wake-on-LAN ready Supported network protocols Dynamic DNS (DDNS)	10,100,1000,2500,25000 Mbit/s / / / IPv4, IPv6	Windows operating systems	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 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home		
Ports & interfaces		supported	Basic, Windows 7 Home Basic x64, Windows 7 Home Premium,		
USB port * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity Fiber ports quantity Fiber optic connector Ethernet LAN (RJ-45) ports * Concurrent connections PCI Express x8 (Gen 4.x) slots	4 2 SFP28 4 10000 1		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		
PCI Express x16 (Gen 4.x) slots Design	1	Linux operating systems supported	CentOS 7.0, SuSE Linux 12.0, SuSE Linux 12.3, Ubuntu 14.04, Ubuntu 14.10, Ubuntu 15.04, Ubuntu 15.10, Ubuntu 16.04, Ubuntu 16.10,		
Chassis type * Cooling type *	Rack (2U) Active	Mac operating systems supported	Ubuntu 17.10 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 Windows Server 2008 R2, Windows Server 2012, Windows Server 2012		
		Server operating systems supported	R2, Windows Server 2016, Windows Server 2019		
		Other operating systems supported	IBM AIX 7.1, IBM AIX 7.2, Solaris 10, Solaris 11		
		Power			
		Power supply location Power supply unit (PSU) capacity Number of power supply units Power consumption (typical) AC input voltage Fan voltage	Built-in 1200 W 2 467.59 W 100 - 240 V 12 V		
		Weight & dimensions			
		Width * Depth * Height * Weight Package weight	446.2 mm 713.2 mm 88.3 mm 21.3 kg 27.6 kg		
		Packaging content			
		Cables included Power cables quantity Rack mount kit Number of screws Drive tray key included	AC, LAN (RJ-45) 2 98		
		Operational conditions			
		Operating temperature (T-T) Operating relative humidity (H-H) Storage temperature (T-T)	0 - 35 °C 5 - 95% -20 - 70 °C		



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