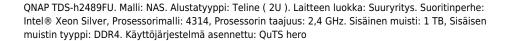
QNAP

QNAP TDS-h2489FU NAS Teline (2U) Intel® Xeon Silver 4314 1 TB DDR4 QuTS hero musta, Hopea

Tuotemerkki: QNAP Tuotekoodi: TDS-H2489FU-4314-1TB

Tuotteen nimi: TDS-h2489FU

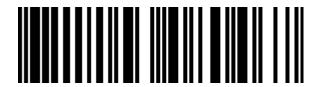






Storage		Design	
Supported storage drive interfaces Storage drive sizes supported Number of M.2 (M & B) slots RAID support * RAID levels	M.2, Serial ATA, Serial ATA II, Serial ATA III, U.2 2.5,M.2 2 ✓ 0, 1, 5, 6, 10, 50, 60, JBOD	Product colour Number of fans Fan diameter LED indicators Built-in display Display type	Black, Silver 6 fan(s) 6 cm Fan, Power, SSD, Status, Yes ✓ OLED
Online RAID expansion	✓	Performance	
RAID rebuild Hot-swap drive bays	1	Type * Device class *	NAS Large Enterprise Business
Supported file systems Storage drives installed *	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Backup function * Backup features Buzzer	Cloud, iSCSI LUN
Number of storage drives supported * Installed storage drive type *	24 ×	Multilingual support	·
Supported storage drive types * Auto-rebuild	HDD & SSD ✓	Snapshot Security algorithms	256-bit AES, AES, FIPS 140-2, SNMPv2, SNMPv3, TLS
Disk roaming	✓	Access Control List (ACL)	✓
Processor		Reset button	✓
Processor manufacturer * Processor family * Processor model * Processor frequency * Processor boost frequency Processor cores Processor threads	Intel Intel Xeon Silver 4314 2.4 GHz 3.4 GHz 16	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
Processor cache	24 MB	Software	
Internal memory * Internal memory type Maximum RAM supported Memory slots Memory form factor ECC Flash memory	1 TB DDR4 1 TB 32 RDIMM 5000 MB	Operating system installed * Operating system version	QuTS hero 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 10 X64, Windows 7, 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 8 Enterprise, 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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