

# 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

QNAP TDS-h2489FU. Malli: NAS. Alustatyyppi: Teline ( 2U ). Laitteen luokka: Suuryritys. Suoritinperhe: Intel® Xeon Silver, Prosessorimalli: 4314, Prosessorin taajuus: 2,4 GHz. Sisäinen muisti: 512 GB, Sisäisen muistin tyyppi: DDR4. Käyttöjärjestelmä asennettu: QuTS hero



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

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



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