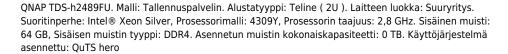
QNAP

QNAP TDS-h2489FU Tallennuspalvelin Teline (2U) Intel® Xeon Silver 4309Y 64 GB DDR4 0 TB QuTS hero musta, Hopea

Tuotemerkki : QNAP Tuotekoodi: TDS-H2489FU-4309Y-64G

Tuotteen nimi: TDS-h2489FU







Storage		Design	
Storage drive capacity *	0 GB	Product colour	Black, Silver
Supported storage drive interfaces	M.2, Serial ATA, Serial ATA II, Serial ATA III, U.2	Number of fans	6 fan(s)
Storage drive sizes supported Number of M.2 (M & B) slots	2.5,M.2 2	Fan diameter LED indicators	6 cm Fan, Power, SSD, Status, Temperature
RAID support *	✓	Built-in display	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Display type	OLED
Online RAID expansion	✓	Performance	
RAID rebuild	✓	Type *	Storage server
Hot-swap drive bays	✓	Device class *	Large Enterprise Business
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Backup function *	✓
Storage drives installed * Total installed storage capacity * Number of storage drives supported	X 0 TB	Backup features Buzzer Multilingual support	Cloud, iSCSI LUN ✓
*	24	Snapshot	✓
Installed storage drive type * Supported storage drive types *	X HDD & SSD	Security algorithms	256-bit AES, AES, FIPS 140-2, SNMPv2, SNMPv3, TLS
Auto-rebuild	√ 33D	Access Control List (ACL)	✓
Disk roaming	·	Reset button	✓
Processor	•	On/off switch	✓
	Lated.	Built-in FTP server	✓
Processor manufacturer * Processor family *	Intel Intel Xeon Silver	Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Processor model *	4309Y	System log	✓
Processor frequency *	2.8 GHz	Hot spare	✓
Processor boost frequency	3.6 GHz 8	S.M.A.R.T. support	✓
Processor cores Processor threads	16	Software	
Processor cache	12 MB	Operating system installed *	OuTS hero
Number of processors installed	2	Operating system version	h5.0.0
Memory			
Internal memory * Internal memory type Memory slots Memory form factor	64 GB DDR4 32 RDIMM		

Memory		Software	
ECC	1		Windows 10, Windows 10
Flash memory Network	5000 MB	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	Education, Windows 10 Education x64, Windows 10 Enterprise,
Ethernet LAN *	/		
Ethernet LAN data rates	10,100,1000,2500,25000 Mbit/s		•
DHCP server	✓		x64, Windows 10 x64, Windows 7,
Jumbo frames support	✓		Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64,
iSCSI support	✓	supported Basic, Windows 7 Home Basic xt Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows	
Wake-on-LAN ready	✓		Windows 7 Home Premium, Windows 7 Home Premium x64,
Supported network protocols	IPv4, IPv6		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
Dynamic DNS (DDNS)	✓		
Ports & interfaces			
USB port *	✓	,	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4		8 Pro, Windows 8 Pro x64, Windows
Fiber ports quantity	2		8 x64 CentOS 7.0, SuSE Linux 12.0, SuSE
Fiber optic connector	SFP28		Linux 12.3, Ubuntu 14.04, Ubuntu
Ethernet LAN (RJ-45) ports * Concurrent connections	4 10000	Linux operating systems supported	14.10, Ubuntu 15.04, Ubuntu 15.10, Ubuntu 16.04, Ubuntu 16.10,
PCI Express x8 (Gen 4.x) slots	1		Ubuntu 17.10
PCI Express x16 (Gen 4.x) slots	1		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,
Design		Mac operating systems supported	
Chassis type *	Rack (2U)	That operating systems supported	Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3
Cooling type *	Active		Catalina, Mac OS X 11.0 Big Sur
		Server operating systems supported	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,
		Other operating systems supported	Solaris 11
		Power	
		Power supply location	Built-in
		Power supply unit (PSU) capacity Number of power supply units	1200 W
		Power consumption (typical)	2 467.59 W
		AC input voltage	100 - 240 V
		Fan voltage	12 V
		Weight & dimensions	
		Width *	446.2 mm
		Depth *	713.2 mm
		Height * Weight	88.3 mm 21.3 kg
		Package weight	27.6 kg
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Power cables quantity	2
		Quick installation guide	✓
		Number of screws	98
		Drive tray key included	•
		Operational conditions	0. 25.00
		Operating temperature (T-T) Operating relative humidity (H-H)	0 - 35 °C 5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Logistics data	
		Harmonized System (HS) code	84714100
		Harrionized System (HS) code	0 17 1 1 1 1 0 0

Other features		
Fibre Channel	✓	



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