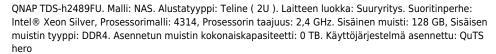
QNAP

QNAP TDS-h2489FU NAS Teline (2U) Intel® Xeon Silver 4314 128 GB DDR4 0 TB QuTS hero musta, Hopea

Tuotemerkki: QNAP Tuotekoodi: TDS-H2489FU-4314-128G

Tuotteen nimi: TDS-h2489FU







Storage		Design	
Storage drive capacity * Supported storage drive interfaces	0 GB M.2, Serial ATA, Serial ATA II, Serial ATA III, U.2	Product colour Number of fans	Black, Silver 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 * RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Built-in display Display type	OLED
Online RAID expansion RAID rebuild Hot-swap drive bays Supported file systems Storage drives installed * Total installed storage capacity * Number of storage drives supported * Installed storage drive type * Supported storage drive types *	FAT32, HFS+, NTFS, exFAT, ext3, ext4 COUNTY OF THE THE TRANSPORT OF THE T	Performance Type * Device class * Backup function * Backup features Buzzer Multilingual support Snapshot Security algorithms Access Control List (ACL)	NAS Large Enterprise Business Cloud, iSCSI LUN 256-bit AES, AES, FIPS 140-2, SNMPv2, SNMPv3, TLS
Auto-rebuild Disk roaming	,	Reset button On/off switch	· · · · · · · · · · · · · · · · · · ·
Processor Processor manufacturer * Processor family * Processor model *	Intel Intel Xeon Silver 4314 2.4 GHz 3.4 GHz 16	Built-in FTP server Browser supported System log	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Processor frequency * Processor boost frequency Processor cores		Hot spare S.M.A.R.T. support	*
Processor threads Processor cache Number of processors installed	32 24 MB 2	Software Operating system installed * Operating system version	QuTS hero h5.0.0
Memory Internal memory * Internal memory type Memory slots Memory form factor	128 GB DDR4 32 RDIMM		

Memory		Software	
ECC	✓		Windows 10, Windows 10
Flash memory Network	5000 MB		Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64,
Ethernet LAN *	✓		Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core,
Ethernet LAN data rates	10,100,1000,2500,25000 Mbit/s		Windows 10 IoT Enterprise,
DHCP server	✓		Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64, Windows 7,
Jumbo frames support	✓	W	Windows 7 Enterprise, Windows 7
iSCSI support	✓	Windows operating systems	Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64,
Wake-on-LAN ready	✓	supported Windows 7 Home Premium, Windows 7 Home Premium x64.	
Supported network protocols	IPv4, IPv6		Windows 7 Professional, Windows 7
Dynamic DNS (DDNS)	✓		Professional x64, Windows 7 Starter, Windows 7 Starter x64,
Ports & interfaces			Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 7 x64,
USB port *	✓		Windows 8, Windows 8 Enterprise,
USB 3.2 Gen 1 (3.1 Gen 1) Type-A	4		Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows
ports quantity Fiber ports quantity	2		8 x64
Fiber optic connector	SFP28		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
Ethernet LAN (RJ-45) ports *	4	Linux operating systems supported	
Concurrent connections	10000		
PCI Express x8 (Gen 4.x) slots PCI Express x16 (Gen 4.x) slots	1		Mac OS X 10.10 Yosemite, Mac OS X
Design	•	Management	10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra,
Chassis type *	Rack (2U)	Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X
Cooling type *	Active		10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur
Cooling type		Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012
			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	Built-in
		Power supply unit (PSU) capacity	1200 W
		Number of power supply units	2
		Power consumption (typical) AC input voltage	467.59 W 100 - 240 V
		Fan voltage	12 V
		Weight & dimensions	
		Width *	446.2 mm
		Depth *	713.2 mm
		Height *	88.3 mm
		Weight	21.3 kg
		Package weight	27.6 kg
		Packaging content	AC LAN (DL 45)
		Cables included Power cables quantity	AC, LAN (RJ-45) 2
		Quick installation guide	2 ✓
		Number of screws	98
		Drive tray key included	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 35 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Logistics data	
		Harmonized System (HS) code	84714100

Other features	
Fibre Channel	✓



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