



QNAP TDS-H2489FU-R2-4309Y-64G NAS/storage server Rack (2U) Intel Xeon Silver 64 GB DDR4 QNAP QTS

Brand : QNAP

Product code: TDS-H2489FU-R2-4309Y-64G

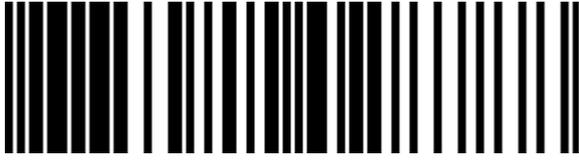
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TDS-h2489FU R2 Dual-CPU U.2 NVMe all-flash rackmount NAS, 2 x Intel Xeon Silver 4309Y 8-core/16-thread processor, up to 3.6 GHz, 64GB RDIMM DDR4 ECC (8 x 8GB)
QNAP TDS-H2489FU-R2-4309Y-64G. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business. Processor family: Intel Xeon Silver, Processor model: 4309Y, Processor frequency: 2.8 GHz. Internal memory: 64 GB, Internal memory type: DDR4. Operating system installed: QNAP QTS

Storage		Ports & interfaces	
Supported storage drive interfaces	Serial ATA III, U.2	PCI Express x8 (Gen 4.x) slots	2
Storage drive sizes supported	2.5,U.2	PCI Express x16 (Gen 4.x) slots	2
Number of M.2 (M & B) slots	2	Design	
RAID support *	✓	Chassis type *	Rack (2U)
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Cooling type *	Active
Online RAID migration	✓	Number of fans	6 fan(s)
Online RAID expansion	✓	Fan diameter	6 cm
RAID rebuild	✓	LED indicators	✓
Hot-swap drive bays	✓	Performance	
Storage drives installed *	✗	Type *	NAS
Number of storage drives supported *	24	Device class *	Large Enterprise Business
Installed storage drive type *	✗	Backup function *	✓
Supported storage drive types *	SSD	Backup features	Cloud, iSCSI LUN
Processor		Buzzer	✓
Processor manufacturer *	Intel	Snapshot	✓
Processor generation	3rd Generation Intel® Xeon® Scalable	Web-based management	✓
Processor family *	Intel Xeon Silver	Access Control List (ACL)	✓
Processor model *	4309Y	Built-in FTP server	✓
Processor frequency *	2.8 GHz	System log	✓
Processor boost frequency	3.6 GHz	Hot spare	✓
Processor cores	8	S.M.A.R.T. support	✓
Processor threads	16	Software	
Processor cache	12 MB	Operating system installed *	QNAP QTS
Number of processors supported	2	Power	
Memory		Power supply location	Built-in
Internal memory *	64 GB	Power supply unit (PSU) capacity	1200 W
Internal memory type	DDR4	Number of power supply units	2
Maximum RAM supported	1 TB	Redundant power supply (RPS) support	✓
Memory slots	32	Power consumption (typical)	467.59 W
Memory form factor	RDIMM	AC input voltage	100-240 V
ECC	✓	Weight & dimensions	
Flash memory	5000 MB	Width *	446.2 mm

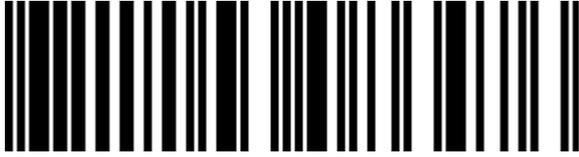
Network		Weight & dimensions	
Ethernet LAN *	✓	Depth *	713.2 mm
Ethernet LAN data rates	10,100,1000,2500,25000 Mbit/s	Height *	88.3 mm
DHCP client	✓	Weight	22.8 kg
DHCP server	✓	Package width	611 mm
Jumbo frames support	✓	Package depth	262 mm
iSCSI support	✓	Package height	960 mm
Wake-on-LAN ready	✓	Package weight	27.7 kg
Dynamic DNS (DDNS)	✓	Packaging content	
Ports & interfaces		Package type	Box
USB port *	✓	Operational conditions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Operating temperature (T-T)	0 - 35 °C
Ethernet LAN (RJ-45) ports *	6	Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Storage relative humidity (H-H)	5 - 95%
		Other features	
		Warranty period	5 year(s)



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