



## QNAP TDS-H2489FU-R2-4314-128G NAS/storage server Rack (2U) Intel Xeon Silver 128 GB DDR4 QNAP QTS



**Brand :** QNAP

**Product code:** TDS-H2489FU-R2-4314-128G

**Product name :** TDS-H2489FU-R2-4314-128G

TDS-h2489FU R2 Dual-CPU U.2 NVMe all-flash rackmount NAS, 2 x Intel Xeon Silver 4314 16-core/32-thread processor, up to 3.4 GHz, 128GB RDIMM DDR4 ECC (8 x 16GB)  
QNAP TDS-H2489FU-R2-4314-128G. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business. Processor family: Intel Xeon Silver, Processor model: 4314, Processor frequency: 2.4 GHz. Internal memory: 128 GB, Internal memory type: DDR4. Operating system installed: QNAP QTS



Storage		Ports & interfaces	
Supported storage drive interfaces	Serial ATA III, U.2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Storage drive sizes supported	2.5,U.2	Ethernet LAN (RJ-45) ports *	6
Number of M.2 (M & B) slots	2	PCI Express x8 (Gen 4.x) slots	2
RAID support *	✓	PCI Express x16 (Gen 4.x) slots	2
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	<b>Design</b>	
Online RAID migration	✓	Chassis type *	Rack (2U)
Online RAID expansion	✓	Cooling type *	Active
RAID rebuild	✓	Number of fans	6 fan(s)
Hot-swap drive bays	✓	Fan diameter	6 cm
Storage drives installed *	✗	LED indicators	✓
Number of storage drives supported *	24	<b>Performance</b>	
Installed storage drive type *	✗	Type *	NAS
Supported storage drive types *	SSD	Device class *	Large Enterprise Business
Processor		Backup function *	✓
Processor manufacturer *	Intel	Backup features	Cloud, iSCSI LUN
Processor generation	3rd Generation Intel® Xeon® Scalable	Buzzer	✓
Processor family *	Intel Xeon Silver	Snapshot	✓
Processor model *	4314	Web-based management	✓
Processor frequency *	2.4 GHz	Access Control List (ACL)	✓
Processor boost frequency	3.4 GHz	Built-in FTP server	✓
Processor cores	16	System log	✓
Processor threads	32	Hot spare	✓
Processor cache	24 MB	<b>Software</b>	
Number of processors supported	2	Operating system installed *	QNAP QTS
Memory		<b>Power</b>	
Internal memory *	128 GB	Power supply location	Built-in
Internal memory type	DDR4	Power supply unit (PSU) capacity	1200 W
Maximum RAM supported	1.02 TB	Number of power supply units	2
Memory slots	32	Redundant power supply (RPS) support	✓
Memory form factor	RDIMM	Power consumption (typical)	467.59 W
ECC	✓	AC input voltage	100-240 V
Flash memory	5000 MB		

Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	446 mm
Ethernet LAN data rates	10,100,1000,2500,25000 Mbit/s	Depth *	713 mm
DHCP client	✓	Height *	88 mm
DHCP server	✓	Weight	22.8 kg
Jumbo frames support	✓	Operational conditions	
iSCSI support	✓	Operating temperature (T-T)	0 - 35 °C
Wake-on-LAN ready	✓	Operating relative humidity (H-H)	5 - 95%
Dynamic DNS (DDNS)	✓	Storage temperature (T-T)	-20 - 70 °C
		Storage relative humidity (H-H)	5 - 95%
Ports & interfaces			
USB port *	✓		

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