



## TDS-16489U-SF3-R2 (Legacy)

CPU E5-2630 v4 10-core 2.2 GHz processor x2

CPU Architecture 64-bit x86

Floating Point Unit Yes

Encryption Engine Yes (AES-NI)

Hardware-accelerated Transcoding QTS: Optional via a PCIe graphics card  
QES: N/A

System Memory 256GB RDIMM DDR4 (8 x 32 GB)

Maximum Memory RDIMM/LRDIMM: 1 TB (16 x 64 GB)

Memory Slot 16 x RDIMM DDR4

Flash Memory 4GB (DOM for dual OS)

Drive Bay Front: 16 x 3.5-inch  
Rear: 4 x 2.5-inch

Drive Compatibility 3.5-inch bays:  
3.5-inch SATA/SAS hard disk drives  
2.5-inch SATA/SAS hard disk drives  
2.5-inch SATA/SAS solid state drives

2.5-inch bays:  
2.5-inch SATA/SAS solid state drives

Hot-swappable Yes

SSD Cache Acceleration Support Yes

GPU pass-through Yes

SR-IOV Yes

Gigabit Ethernet Port (RJ45) 2

10 Gigabit Ethernet Port 4 x 10GbE SFP+

Wake on LAN (WOL) Yes

Jumbo Frame	Yes
PCIe Slot	4 Slot 1: PCIe Gen 3 x16 Slot 2: PCIe Gen 3 x8 Slot 3: PCIe Gen 3 x8 Slot 4: PCIe Gen 3 x8
USB 3.2 Gen 1 port	4
IPMI	3 (LAN, VGA, console) *Only work with QTS OS
Form Factor	3U Rackmount
LED Indicators	HDD 1-16, Status, 10 GbE, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	5.15 × 17.48 × 29.29 inch
Weight (Net)	49.43 lbs
Weight (Gross)	66.56 lbs
Operating Temperature	0 - 40 °C (32°F - 104°F)
Storage Temperature	-20 - 70°C (-4°F - 158°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	Redundant/ Hot Swap ATX Power Supply,Input: 50-60 Hz 100-127V~/ 10A 200-240V/ 5A Output: 770W
Power Consumption: HDD Sleep Mode	254.21 W
Power Consumption: Operating Mode, Typical	362.86 W
Fan	4 x 60mm, 12VDC
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	10000

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

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