



TS-1685-D1521-8G (Legacy)

CPU	Intel® Xeon® D-1521 4-core 2.4 GHz processor, Max turbo to 2.7 GHz.
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	8GB UDIMM DDR4 (1 x 8GB)
Maximum Memory	UDIMM: 64 GB (4 x 16 GB) RDIMM: 128GB (4 x 32 GB)
Memory Slot	4 x UDIMM DDR4
Flash Memory	512MB (DOM for dual OS)
Drive Bay	12 x 3.5-inch + 4 x 2.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
M.2 Slot	6 x M.2 22110/2280/2260/2242 SATA 6Gb/s slot
SSD Cache Acceleration Support	Yes
GPU pass-through	Yes
Gigabit Ethernet Port (RJ45)	4
10 Gigabit Ethernet Port	2 x 10GBASE-T
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	3 Slot 1: PCIe Gen 3 x8 Slot 2: PCIe Gen 2 x4 Slot 3: PCIe Gen 3 x8

USB 3.2 Gen 1 port	3
Audio Output	1 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers)
Form Factor	Tower
LED Indicators	System status, 2.5" SSD, M.2 SSD, 3.5" HDD
LCD Display/ Button	Yes
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	303.84 × 369.89 × 319.8 mm
Weight (Net)	13.39 kg
Weight (Gross)	15.96 kg
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	Input: 100-240V~, 3-1.5A, 60-50Hz; Output: 250W
Power Consumption: HDD Sleep Mode	61.36 W
Power Consumption: Operating Mode, Typical	127 W
Fan	System fan: 3 x 92mm, 12VDC CPU fan: 2 x 90mm
System Warning	Buzzer
Kensington Security Slot	Yes
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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