QNAP

TS-1685-D1531-32G-550W (EOL)

CPU	Intel® Xeon® D-1531 6-core 2.2 GHz processor
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	32 GB UDIMM DDR4 (2 x 16GB)
Maximum Memory	UDIMM: 64 GB (4 x 16 GB) RDIMM: 128GB (4 x 32 GB)
Memory Slot	4 x Long-DIMM 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 SSD Slot	6 x M.2 22110/2280/2260/2242 SATA 6Gb/s slot
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	4
10 Gigabit Ethernet Port	2 x 10GBASE-T
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)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27˚C (80.6˚F)
Power Supply Unit	100-240V~, 3-1.5A, 60-50Hz, 550W PSU
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
Sound Level	22.5 db(A)
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS)	1500

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.

* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.