



TES-1885U-D1531-16GR

| | |
|--------------------------------|--|
| CPU | Intel® Xeon® D-1531 6-core 2.2 GHz processor, Max turbo to 2.7 GHz. |
| CPU Architecture | 64-bit x86 |
| Floating Point Unit | Yes |
| Encryption Engine | Yes (AES-NI) |
| System Memory | 16 GB RDIMM DDR4 ECC (2 x 8 GB) |
| Maximum Memory | UDIMM: 64 GB (4 x 16 GB) RDIMM: 128GB (4 x 32 GB) |
| Memory Slot | 4 x Long-DIMM DDR4 |
| Flash Memory | 4GB (DOM for dual OS) |
| Drive Bay | Front: 12 x 3.5-inch Rear: 6 x 2.5-inch |
| Drive Compatibility | 3.5-inch bays: 3.5-inch SAS/SATA hard disk drives 2.5-inch SAS/SATA hard disk drives 2.5-inch SAS/SATA solid state drives 2.5-inch bays: 2.5-inch SATA solid state drives |
| Hot-swappable | Yes |
| SSD Cache Acceleration Support | Yes |
| Gigabit Ethernet Port (RJ45) | 4 |
| 10 Gigabit Ethernet Port | 2 x 10GbE SFP+ |
| Wake on LAN (WOL) | Yes |
| Jumbo Frame | Yes |

| | |
|--|--|
| PCIe Slot | 4 Slot 1: PCIe Gen 3 x8 Slot 2: PCIe Gen 2 x4 Slot 3: PCIe Gen 3 x4 Slot 4: PCIe Gen 3 x4 or PCIe Gen 3 x8 |
| USB 3.2 Gen 1 port | 2 |
| Form Factor | 2U Rackmount |
| LED Indicators | HDD, Status, 10 GbE, LAN, storage expansion port status |
| Buttons | Power, Reset |
| Dimensions (HxWxD) | 88 × 442.5 × 530.5 mm |
| Weight (Net) | 15.34 kg |
| Weight (Gross) | 21.25 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 | Redundant/ Hot Swap ATX Power Supply, Input: 47-63 Hz 100-127V~/ 8A 200-240V/ 4A Output: 450W |
| Power Consumption: Operating Mode, Typical | 229.53 W |
| Fan | 4 x 60mm |
| Sound Level | 58.9 db(A) |
| System Warning | Buzzer |
| Max. Number of Concurrent Connections (CIFS) | QTS: 1500 QES: 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.