



TES-1885U-D1521-16GR (Legacy)

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| 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 | 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 RDIMM DDR4 32 GB (above) RAM is required for QES operating system. You can only use one type of dual in-line memory module (DIMM) at a time. Do not use registered DIMM (RDIMM) with unbuffer DIMM (UDIMM) memory. |
| 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 |
| GPU pass-through | Yes |
| Gigabit Ethernet Port (RJ45) | 4 |
| 10 Gigabit Ethernet Port | 2 x 10GbE SFP+ |
| Wake on LAN (WOL) | Yes |

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| 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 Slot 4 provides the width of PCIe Gen.3 x8 when slot 3 is not in use. Slot 4 then provides the width of PCIe Gen.3 x4 only when an expansion board is installed in slot 3. |
| 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) | 3.46 × 17.42 × 20.89 inch |
| Weight (Net) | 33.82 lbs |
| Weight (Gross) | 46.85 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: 47-63 Hz 100-127V~/ 8A 200-240V/ 4A Output: 450W |
| Power Consumption: Operating Mode, Typical | 229.53 W |
| Fan | 4 x 60mm |
| System Warning | Buzzer |
| Standard Warranty | 5 |
| 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 and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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