



## TS-1685-D1531-64G (Legacy)

|                                |                                                                                                                                                                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                  | 64GB non-ECC RAM (16GB UDIMM x 4)                                                                                                                                                                                                                    |
| Maximum Memory                 | UDIMM: 64 GB (4 x 16 GB)<br>RDIMM: 128GB (4 x 32 GB)                                                                                                                                                                                                 |
| Memory Slot                    | 4 x UDIMM DDR4<br><br>IMPORTANT: 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                   | 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<br>2.5-inch SATA hard disk drives<br>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<br><br>The M.2 SSD is not included as standard.<br>M.2 SSD operations can easily generate excessive heat. It is recommended to install a heatsink (from QNAP or a third-party provider) on the M.2 SSD. |
| 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<br>Slot 1: PCIe Gen 3 x8<br>Slot 2: PCIe Gen 2 x4<br>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)<br><br>Only one of the above audio output ports can work at a time. If a speaker is connected, the sound will output through the speaker. |
| 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                                               | 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<br>CPU fan: 2 x 90mm                                                                                                                                                                     |
| System Warning                                                  | Buzzer                                                                                                                                                                                                               |
| Kensington Security Slot                                        | Yes                                                                                                                                                                                                                  |
| Standard Warranty                                               | 3                                                                                                                                                                                                                    |
| 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.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.