

## TS-1685-D1531-128GR (By Request)

|                                     |                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------|
| 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                       | 128GB RDIMM DDR4 ECC (4 x 32 GB)                                                                     |
| Maximum Memory                      | UDIMM: 64 GB (4 x 16 GB)<br>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<br>2.5-inch SATA hard disk drives<br>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/ 5 Gigabit Ethernet Port | 2 x 10GBASE-T                                                                                        |
| 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 3.0 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                          | 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: 3 x 9.2cm fan (12V DC)<br>CPU: 2 x 9cm fan |
| Sound Level                                | 22.5 db(A)                                         |
| Kensington Security Slot                   | Yes                                                |

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.