

## TES-3085U-D1531-16GR

CPU	Intel® Xeon® Processor D-1531, 6-core 2.2 GHz
System Memory	<p>Total DIMM slots: 4</p> <p>Maximum memory: DDR4 128 GB ( 32 GB RDIMM x 4 )</p> <p>Memory modules pre-installed:</p> <p>TES-3085U-D1531-16GR: 16 GB ECC RAM ( 8 GB RDIMM x 2 )</p> <p>Note: TES-3085U requires at least 32GB RAM for running QES operating system.</p>
Flash Memory	4 GB DOM
Drive Bay	<p>Front: 2.5"x 24</p> <p>Rear: 2.5" SSD slot x 6</p>
Drive Compatibility	<p>Front: SAS 12Gb/s, SAS 6Gb/s, SATA 6Gb/s HDD and SSD</p> <p>Rear: SATA 6Gb/s SSD</p>
USB Port	<p>2 x USB 3.0 port (rear)</p> <p>For QTS OS: The USB slots support pen drives and other USB-ready devices such as printers, UPS, etc.</p> <p>For QES OS: The USB slots are only reserved for development and debugging.</p>
Gbe Lan Port	2 x SFP+ 10GbE ports, 4 x Gigabit ports
LED Indicators	10 GbE, Status, LAN, Storage expansion port status
Buttons	System: Power button and reset button
Form Factor	2U, Rackmount
Dimensions (H x W x D)	<p>88.3 x 439 x 484.5 mm</p> <p>3.47 x 17.28 x 19.07 inch</p>
Weight	<p>Net weight (NAS only): 14.15 kg</p> <p>Gross weight (with packing and accessories): 22.27 kg</p>
Operating Temperature & Relative Humidity	0-40°C, 5~95% non-condensing, wet bulb: 27°C.
Power Consumption (W)	In Operation: 255.04W
Power Supply Unit	Redundant power: Input 90~264VAC; 450W x 2

PCIe Slot	Number: 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  Note: 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.
Fan	4 x 6 cm smart cooling fan

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.