



## QSN-3000

CPU	Intel® Xeon® E-2336 6C 12T 2.9GHz, up to 4.8GHz
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	128 GB ECC DDR4
Maximum Memory	128 GB (4 x 32 GB)
Memory Slot	4 x ECC UDIMM DDR4
Flash Memory	5GB DOM (Disk on Module)
Drive Bay	18 (12 x 3.5-inch SATA + 6 x 2.5-inch SATA)
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives  2.5-inch bays: 2.5-inch SATA solid state drives
Hot-swappable	Yes (Not supported M.2 SSD)
M.2 Slot	Optional via a QM2 PCIe adapter
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M)
10 Gigabit Ethernet Port	2 x 10GBASE-T (10G/5G/2.5G/1G/100M)
25 Gigabit Ethernet Port	Optional via a PCIe adapter
PCIe Slot	3 (2 x Gen4 x4 + 1 x Gen4 x8)
USB 3.2 Gen 2 (10Gbps) Port	4 x Type-A USB 3.2 Gen 2 5V/1A 10Gbps
Form Factor	2U Rackmount

LED Indicators	Status (Green/Red) HDD status (Green/Red)
Buttons	Power, Reset
Dimensions (HxWxD)	88.6 × 432 × 511.2 mm
Weight (Net)	14.87 kg
Weight (Gross)	19 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	550W (x2) PSU, 100-240V
Power Consumption: Disk Standby Mode	118.77 W
Power Consumption: Operating Mode, Typical	148.94 W
Fan	4 x 60mm, 12VDC
Standard Warranty	5

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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