



| QSN-3000                                 |                                                                                                                                                |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                                      | Intel® Xeon® E-2336 6C 12T 2.9GHz, up to 4.8GHz                                                                                                |
| CPU Architecture                         | 64-bit x86                                                                                                                                     |
| 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:<br>3.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives<br><br>2.5-inch bays:<br>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)<br>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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