



## TS-h3087XU-RP-E2378-64G

|                                          |                                                                                                                                                |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                                      | Intel® Xeon® E-2378 8C 16T 2.6GHz, up to 4.8GHz                                                                                                |
| CPU Architecture                         | 64-bit x86                                                                                                                                     |
| Graphic Processors                       | Optional via a PCIe adapter                                                                                                                    |
| Floating Point Unit                      | Yes                                                                                                                                            |
| Encryption Engine                        | Yes (AES-NI)                                                                                                                                   |
| System Memory                            | 64 GB ECC DDR4                                                                                                                                 |
| Maximum Memory                           | 128GB (4 x 32 GB)                                                                                                                              |
| Memory Slot                              | 4 x ECC UDIMM DDR4<br><br>For dual-DIMM configuration, you must use a pair of identical DDR4 modules.                                          |
| Flash Memory                             | 5GB (Dual boot OS protection)                                                                                                                  |
| Drive Bay                                | 30 (24 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                                                                                                                                            |
| GPU pass-through                         | 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                                                                                                                    |
| Wake on LAN (WOL)                        | Yes                                                                                                                                            |

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|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PCIe Slot                                                       | 3 (2 x Gen4 x4 + 1 x Gen 4 x8)<br><br>Card dimensions for PCIe slot 1 : 260 x 131.15 x 54.16 mm / 10.24 x 5.16 x 2.13 inches<br>Card dimensions for PCIe slot 2 : 300 x 131.15 x 54.16 mm / 11.81 x 5.16 x 2.13 inches<br>Card dimensions for PCIe slot 3 : 300 x 131.15 x 18.76 mm / 11.81 x 5.16 x 0.74 inches<br>Wider cards can be installed if the next PCIe slot will not be used. |
| USB 3.2 Gen 2 (10Gbps) Port                                     | 4 x Type-A USB 3.2 Gen 2 5V/1A 10Gbps                                                                                                                                                                                                                                                                                                                                                    |
| HDMI™ Output                                                    | Optional via a PCIe adapter                                                                                                                                                                                                                                                                                                                                                              |
| Form Factor                                                     | 4U Rackmount                                                                                                                                                                                                                                                                                                                                                                             |
| LED Indicators                                                  | Status (Green/Red)<br>LAN (Green)<br>USB (Blue)<br>HDD status (Green/Red)                                                                                                                                                                                                                                                                                                                |
| Buttons                                                         | Power, Reset                                                                                                                                                                                                                                                                                                                                                                             |
| Dimensions (HxWxD)                                              | 176.2 × 441.6 × 630.2 mm                                                                                                                                                                                                                                                                                                                                                                 |
| Weight (Net)                                                    | 23.79 kg                                                                                                                                                                                                                                                                                                                                                                                 |
| Weight (Gross)                                                  | 29.13 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                                               | 800W (x2) PSU                                                                                                                                                                                                                                                                                                                                                                            |
| Power Consumption: Disk Standby Mode                            | 149.92 W                                                                                                                                                                                                                                                                                                                                                                                 |
| Power Consumption: Operating Mode, Typical                      | 219.03 W                                                                                                                                                                                                                                                                                                                                                                                 |
| Fan                                                             | 4 x 80mm, 12VDC                                                                                                                                                                                                                                                                                                                                                                          |
| Standard Warranty                                               | 5                                                                                                                                                                                                                                                                                                                                                                                        |
| Max. Number of Concurrent Connections (CIFS) - with Max. Memory | 11000                                                                                                                                                                                                                                                                                                                                                                                    |

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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