



## TS-h2287XU-RP-E2378-64G

|                                          |                                                                                                                                                                                  |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                                      | Intel® Xeon® E-2378 8C 16T 2.6GHz, up to 4.8GHz                                                                                                                                  |
| CPU Architecture                         | 64-bit x86                                                                                                                                                                       |
| Floating Point Unit                      | Yes                                                                                                                                                                              |
| Encryption Engine                        | Yes (AES-NI)                                                                                                                                                                     |
| System Memory                            | 64 GB ECC DDR4 (4 x 16 GB)                                                                                                                                                       |
| Maximum Memory                           | 128GB (4 x 32 GB)                                                                                                                                                                |
| Memory Slot                              | 4 x ECC UDIMM DDR4                                                                                                                                                               |
| Flash Memory                             | 5GB (Dual boot OS protection)                                                                                                                                                    |
| Drive Bay                                | 22 (16 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 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 |
| 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)                                                                                                                                              |
| PCIe Slot                                | 3 (2 x Gen4 x4 +1 x Gen 4 x8)                                                                                                                                                    |
| USB 3.2 Gen 2 (10Gbps) Port              | 4 x Type-A USB 3.2 Gen 2 5V/1A 10Gbps                                                                                                                                            |
| Form Factor                              | 3U Rackmount                                                                                                                                                                     |

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| LED Indicators        | Status (Green/Red)<br>LAN (Green)<br>USB (Blue)<br>HDD status (Green/Red) |
| Buttons               | Power, Reset                                                              |
| Dimensions (HxWxD)    | 133 × 483 × 630 mm                                                        |
| Weight (Net)          | 15.64 kg                                                                  |
| Weight (Gross)        | 22.08 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     | 2 x 550W CRPS PSU                                                         |
| Fan                   | 3 x 60mm + 1 x 80mm, 12VDC                                                |

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.

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