



| TS-h3088XU-RP-W1270-64G                   |                                                                                      |
|-------------------------------------------|--------------------------------------------------------------------------------------|
| CPU                                       | Intel® Xeon® W-1270 8-core/16-thread processor, up to 5.0 GHz                        |
| CPU Architecture                          | 64-bit x86                                                                           |
| Floating Point Unit                       | Yes                                                                                  |
| Encryption Engine                         | Yes (AES-NI)                                                                         |
| Hardware-accelerated Transcoding          | Yes                                                                                  |
| System Memory                             | 64 GB UDIMM DDR4 ECC (4 x 16 GB)                                                     |
| Maximum Memory                            | 128 GB (4 x 32 GB)                                                                   |
| Memory Slot                               | 4 x UDIMM DDR4                                                                       |
| Flash Memory                              | 5GB (Dual boot OS protection)                                                        |
| Drive Bay                                 | Front: 24 x 2.5-inch SATA 6Gb/s, 3Gb/s<br>Rear: 6 x 2.5-inch SATA 6Gb/s, 3Gb/s       |
| Drive Compatibility                       | 2.5-inch bays:<br>2.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives |
| Hot-swappable                             | Yes                                                                                  |
| SSD Cache Acceleration Support            | Yes                                                                                  |
| 2.5 Gigabit Ethernet Port (2.5G/1G/100M)  | 4 (2.5G/1G/100M)                                                                     |
| 5 Gigabit Ethernet Port (5G/2.5G/1G/100M) | Optional via an adapter                                                              |
| 10 Gigabit Ethernet Port                  | Optional via an adapter                                                              |
| 25 Gigabit Ethernet Port                  | 2                                                                                    |
| Wake on LAN (WOL)                         | Yes                                                                                  |
| Jumbo Frame                               | Yes                                                                                  |

|                                                                 |                                                                                 |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------|
| PCIe Slot                                                       | 3<br>Slot 1: PCIe Gen3 x8 or x4<br>Slot 2: PCIe Gen3 x4<br>Slot 3: PCIe Gen3 x4 |
| USB 3.2 Gen 2 (10Gbps) Port                                     | 2 x Type-C USB 3.2 Gen 2 10Gbps<br>2 x Type-A USB 3.2 Gen 2 10Gbps              |
| HDMI Output                                                     | 1, HDMI 1.4b (up to 4096 x 2160 @ 30Hz)                                         |
| Form Factor                                                     | Rackmount                                                                       |
| LED Indicators                                                  | HDD, Status, 10 GbE, LAN, storage expansion port status                         |
| Buttons                                                         | Power, Reset                                                                    |
| Dimensions (HxWxD)                                              | 88.3 × 481.07 × 515.02 mm                                                       |
| Weight (Net)                                                    | 12.26 kg                                                                        |
| Weight (Gross)                                                  | 17.87 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), 100-240V                                                              |
| Power Consumption: HDD Sleep Mode                               | 129.57 W                                                                        |
| Power Consumption: Operating Mode, Typical                      | 261.81 W                                                                        |
| Fan                                                             | 3 x 60mm, 12VDC                                                                 |
| System Warning                                                  | Buzzer                                                                          |
| Max. Number of Concurrent Connections (CIFS) - with Max. Memory | 10,000                                                                          |

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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