

**TS-1283XU-RP-E2124-8G**

|                                |   |
|--------------------------------|---|
| CPU                            | Intel® Xeon® E-2124 quad-core 3.3 GHz processor (burst up to 4.3 GHz)   |
| CPU Architecture               | 64-bit x86  |
| Floating Point Unit            | Yes   |
| Encryption Engine              | Yes (AES-NI)  |
| System Memory                  | 8 GB UDIMM DDR4 ECC (2 x 4GB)   |
| Maximum Memory                 | 64 GB (4 x 16 GB)   |
| Memory Slot                    | 4 x Long-DIMM DDR4  |
| Flash Memory                   | 5GB (Dual boot OS protection)   |
| Drive Bay                      | 12 x 3.5-inch SATA 6Gb/s, 3Gb/s   |
| 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        |
| Hot-swappable                  | Yes   |
| SSD Cache Acceleration Support | Yes   |
| Gigabit Ethernet Port (RJ45)   | 4   |
| 10 Gigabit Ethernet Port       | 2 x 10GbE SFP+ SmartNIC port  |
| Jumbo Frame                    | Yes   |
| PCIe Slot                      | 4<br>Slot 1: PCIe Gen 2 x4 (PCH)<br>Slot 2: PCIe Gen 3 x8 (CPU)<br>Slot 3: PCIe Gen 3 x4 (CPU)<br>Slot 4: PCIe Gen 3 x4 (CPU) |
| USB 3.2 Gen 2 (10Gbps) Port    | 2 x Type-C USB 3.2 Gen 2 5V/3A 10Gbps<br>4 x Type-A USB 3.2 Gen 2 5V/1A 10Gbps  |
| Form Factor                    | 2U Rackmount  |

|  |  |
|--|--|
| LED Indicators                                     | HDD 1-12, Status, LAN, storage expansion port status |
| Buttons  | Power, Reset   |
| Dimensions (HxWxD)                                 | 88.3 × 482 × 562 mm                                  |
| Weight (Net)                                       | 11.75 kg   |
| Operating temperature                              | 0 - 40 °C (32°F - 104°F)                             |
| Relative Humidity                                  | 5-95% RH non-condensing, wet bulb: 27°C (80.6°F)     |
| Power Supply Unit                                  | 300W(x2), 100-240V                                   |
| Power Consumption:<br>Operating Mode, Typical      | 105.12 W   |
| Fan  | System fan: 2 x 60mm, 12VDC                          |
| Sound Level  | 40.6 db(A)   |
| System Warning                                     | Buzzer   |
| Max. Number of<br>Concurrent Connections<br>(CIFS) | 700  |

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.

\* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.