



## TS-EC880U-E3-4GE-R2 (Legacy)

|                                |   |
|--------------------------------|---|
| CPU                            | Intel® Xeon® E3-1245 v3 4-core 3.4 GHz processor, E3-1246 v3 4-core 3.5 GHz processor or a compatible E3-1200 v3 family processor   |
| CPU Architecture               | 64-bit x86  |
| Floating Point Unit            | Yes   |
| Encryption Engine              | Yes (AES-NI)  |
| System Memory                  | 4GB DDR3 ECC RAM  |
| Maximum Memory                 | 32 GB (4 x 8GB)   |
| Memory Slot                    | 4 x DDR3 UDIMM<br><br>When upgrading RAM to more than 28GB, the original 4GB RAM modules must be removed.<br>For the information of RAM module installation and compatible NAS models, please refer to the QNAP RAM Module Installation Guide |
| Flash Memory                   | 512MB (DOM for dual OS)   |
| Drive Bay                      | 8 x 3.5-inch SATA 6Gb/s, 3Gb/s<br><br>The standard system is shipped without hard drives.<br>For the HDD compatibility list, please visit <a href="https://www.qnap.com/compatibility/">https://www.qnap.com/compatibility/</a>               |
| Drive Compatibility            | 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   |
| mSATA slot                     | 2<br>(mSATA flash module is optional)<br><br>For the optional mSATA flash, please visit <a href="http://shop.qnap.com/">http://shop.qnap.com/</a>   |
| SSD Cache Acceleration Support | Disk 1, 2, 3, 4   |
| Gigabit Ethernet Port (RJ45)   | 4<br><br>For a list of compatible network adapters, please visit the <a href="#">Compatibility List</a> .<br>For instructions on how to install network adapters, please refer to Chapter 6 of the <a href="#">QNAP NAS Hardware Manual</a> . |

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|---|--|
| 10 Gigabit Ethernet Port                      | 2 x 10GbE SFP+   |
| Wake on LAN (WOL)                             | Yes  |
| Jumbo Frame                                   | Yes  |
| PCIe Slot                                     | 2<br>Slot 1: PCIe Gen 3 x8<br>Slot 2: PCIe Gen 3 x4<br><br>The PCIe Gen3 x8 slot is occupied by a 10GbE network adapter. |
| USB 2.0 port                                  | 4  |
| USB 3.2 Gen 1 port                            | 4  |
| HDMI™ Output                                  | 1  |
| Form Factor                                   | 2U Rackmount   |
| LED Indicators                                | HDD 1-8, Status, 10 GbE, LAN, storage expansion port status  |
| Buttons                                       | Power, Reset   |
| Dimensions (HxWxD)                            | 3.46 × 17.42 × 20.89 inch  |
| Weight (Net)                                  | 31.72 lbs  |
| Weight (Gross)                                | 45.28 lbs  |
| 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                             | Redundant/ Hot Swap ATX Power Supply,Input:<br>47-63 Hz<br>100-127V~/ 8A<br>200-240V/ 4A<br>Output: 400W                 |
| Power Consumption:<br>HDD Sleep Mode          | 73.38 W  |
| Power Consumption:<br>Operating Mode, Typical | 133.88 W<br><br>Tested fully populated with 1TB hard drives.   |
| Fan   | 4 x 60mm smart cooling fan   |
| System Warning                                | Buzzer   |
| Standard Warranty                             | 3  |

|   |       |
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| Max. Number of Concurrent Connections (CIFS) - with Max. Memory | 10000 |
|---|-------|

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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