

| TS-2477XU-RP-2600-8G | |
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| CPU | AMD Ryzen™ 5 2600 6-core 3.4 GHz processor, Turbo Core 3.9 GHz |
| CPU Architecture | 64-bit x86 |
| Floating Point Unit | Yes |
| Encryption Engine | Yes (AES-NI) |
| System Memory | 8 GB UDIMM DDR4 (2 x 4GB) |
| Maximum Memory | 64 GB (4 x 16 GB) |
| Memory Slot | 4 x DDR4 long DIMM |
| Flash Memory | 5GB (Dual boot OS protection) |
| Drive Bay | 24 x 3.5-inch |
| Drive Compatibility | 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives |
| Hot-swappable | Yes |
| SSD Cache Acceleration Support | Yes |
| Gigabit Ethernet Port (RJ45) | 2 |
| 10 Gigabit Ethernet Port | 2 x 10GbE SFP+ SmartNIC port |
| Jumbo Frame | Yes |
| PCIe Slot | 4 Slot 1: Gen3 x4 Slot 2: Gen3 x8 or Gen3 x4* Slot 3: Gen3 x8 or Gen3 x4** Slot 4: Gen3 x4 |
| USB 3.0 port | 4 |
| USB 3.1 Gen 2 (10Gbps) Port | 1 x Type-C USB 3.1 Gen2 5V/3A 10Gbps 1 x Type-A USB 3.1 Gen2 5V/1A 10Gbps |
| Form Factor | 4U Rackmount |
| LED Indicators | HDD 1-24, Status, LAN, storage expansion port status |
| Buttons | Power, Reset |
| Dimensions (HxWxD) | 176.15, 481.04, 672.02 |
| Weight (Net) | 22.66 |
| Operating temperature | 0 - 40 °C (32°F - 104°F) |
| Relative Humidity | 5-95% RH non-condensing, wet bulb: 27°C (80.6°F) |

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| Power Supply Unit | 800W(x2), 100-240V |
| Power Consumption: Operating Mode, Typical | 143.97 |
| Fan | System: 4 x 9.2cm fan (12V DC) |
| Sound Level | 27.5 |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |

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.