

TS-h2477AXU-RP-R7-32G

CPU	AMD Ryzen™ 7 Pro 7000 series 8-core/16-thread processor, burst up to 5.3 GHz AMD Radeon Graphics
CPU Architecture	64-bit x86
Graphic Processors	AMD Radeon™ Graphics
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	32 GB UDIMM DDR5 (1x 32 GB)
Maximum Memory	192 GB (4 x 48 GB)
Memory Slot	4 x UDIMM DDR5 Support optional ECC memory
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	24 x 3.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes (Not supported M.2 SSD)
M.2 Slot	2 x M.2 2280 PCIe Gen 5 x2 slots Compatible with NVMe SSD PCIe Gen 3 and above. Please refer to https://www.qnap.com/compatibility/ for compatibility.
SSD Cache Acceleration Support	Yes
GPU pass-through	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M/10M)
10 Gigabit Ethernet Port	2 x 10GBASE-T (10G/5G/2.5G/1G/100M)

25 Gigabit Ethernet Port	Optional via an adapter
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	3 Slot 1: Gen 4 x 4 Slot 2: Gen 4 x 8 or Gen 4 x 4* Slot 3: Gen 4 x 4 *Slot 2 provides the width of PCIe Gen4 x8 when Slot 1 is not in use, and provides the width of PCIe Gen4 x4 when Slot 1 is in use. Card dimensions for PCIe slot 1：250 x 111.15 x 18.76 mm / 9.84 x 4.38 x 0.74 inches Card dimensions for PCIe slot 2：250 x 111.15 x 18.76 mm / 9.84 x 4.38 x 0.74 inches Card dimensions for PCIe slot 3：200 x 111.15 x 23.76 mm / 9.84 x 4.38 x 0.94 inches Wider cards can be installed if the next PCIe slot will not be used.
USB 3.2 Gen 2 (10Gbps) Port	2 x Type-A USB 3.2 Gen 2 10Gbps
Form Factor	4U Rackmount
LED Indicators	Power Status, HDD 1-24, M.2 SSD 1-2, Status, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	177.35 × 432.4 × 511.7 mm Excludes ear hook and the protruding part of the Power Supply Unit.
Weight (Net)	18.62 kg
Weight (Gross)	27.74 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	800W(x2), 100-240V
Fan	System fan: 3 x 60mm, 12VDC
System Warning	Buzzer
Standard Warranty	5
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	5000

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.
The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.
Designs and specifications are subject to change without notice.