



TS-h1077AFU-R7-32G	
CPU	AMD Ryzen™ 7 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 ECC UDIMM DDR5
Maximum Memory	192 GB (4 x 48 GB)
Memory Slot	4 x UDIMM DDR5 For dual-DIMM configurations, you must use a pair of identical DDR5 modules.
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	10 x 2.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	2.5-inch SATA solid state drives
Hot-swappable	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	2 Slot 1: Gen 4 x 8 Slot 2: Gen 4 x 8
USB 3.2 Gen 2 (10Gbps) Port	2 x Type-A USB 3.2 Gen 2 10Gbps
Form Factor	1U Rackmount
LED Indicators	Power Status, HDD 1-12, M.2 SSD 1-2, Status, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	44 × 430 × 582 mm
Weight (Net)	9.43 kg
Weight (Gross)	12.41 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	350W PSU (x2), AC 100-240 V
System Warning	Buzzer
Standard Warranty	5

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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