



| TS-h1077AFU-R7-32G                       |                                                                                                     |
|------------------------------------------|-----------------------------------------------------------------------------------------------------|
| CPU                                      | AMD Ryzen™ 7 7000 series 8-core/16-thread processor, burst up to 5.3 GHz<br><br>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<br><br>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<br>Slot 1: Gen 4 x 8<br>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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