



TS-873AU-4G	
CPU	AMD Ryzen™ Embedded V1500B 4-core/8-thread 2.2 GHz processor
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Optional via a PCIe graphics card
System Memory	4 GB UDIMM DDR4 (1 x 4 GB)
Maximum Memory	64 GB (2 x 32 GB)
Memory Slot	2 x Long-DIMM DDR4 Support ECC memory
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	8 x 3.5-inch SATA 6Gb/s, 3Gb/s
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
M.2 Slot	Optional via a QNAP QM2 PCIe card
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (also support 10M)
5 Gigabit Ethernet Port (5G/2.5G/1G/100M)	Optional via a network adapter
10 Gigabit Ethernet Port	Optional via a network adapter
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes

PCIe Slot  2 x PCIe Gen3 x4 (Units manufacturered before 2021/01/09 are 1 x PCIe Gen3 x8 slot and can be upgraded to 2 x PCIe Gen3 x4 slots with the purchase of a BRKT-RISER-2P-2U adapter)  USB 3.2 Gen 1 port  1 x Type-A  USB 3.2 Gen 2 (10Gbps) Port  2 x Type-C 1 x Type-A  HDMI Output  Optional via a PCIe graphics card  Form Factor  2U Rackmount  LED Indicators  HDD 1-8, Status, LAN, USB, Power  Buttons  Power, Reset  Dimensions (HxWxD)  89 x 482 x 425 mm  Weight (Net)  8.04 kg  Weight (Gross)  12.76 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 Consumption: HDD Sleep Mode Power Consumption: HDD Operating Mode, Typical  Fan  2 x 80mm, 12VDC  System Warning  Max. Number of Concurrent Connections (CIFS) - with Max. Memory  Power Max. Number of Concurrent Connections (CIFS) - with Max. Memory		
USB 3.2 Gen 2 (10Gbps) Port  2 × Type-C 1 × Type-A  HDMI Output  Optional via a PCIe graphics card  Form Factor  2U Rackmount  LED Indicators  HDD 1-8, Status, LAN, USB, Power  Buttons  Power, Reset  Dimensions (HxWxD)  89 × 482 × 425 mm  Weight (Net)  8.04 kg  Weight (Gross)  12.76 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  250W PSU, 100 - 240V  Power Consumption: HDD Sleep Mode  Power Consumption: Operating Mode, Typical  Fan  2 × 80mm, 12VDC  System Warning  Buzzer  Max. Number of Concurrent Connections	PCIe Slot	(Units manufacturered before 2021/01/09 are 1 x PCIe Gen3 x8 slot and can be upgraded to 2 x PCIe Gen3 x4 slots with the purchase of a BRKT-RISER-2P-2U
Port 1 x Type-A  HDMI Output Optional via a PCIe graphics card  Form Factor 2U Rackmount  LED Indicators HDD 1-8, Status, LAN, USB, Power  Buttons Power, Reset  Dimensions (HxWxD) 89 x 482 x 425 mm  Weight (Net) 8.04 kg  Weight (Gross) 12.76 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 250W PSU, 100 - 240V  Power Consumption: HDD Sleep Mode  Power Consumption: Operating Mode, Typical  Fan 2 x 80mm, 12VDC  System Warning Buzzer  Max. Number of Concurrent Connections	USB 3.2 Gen 1 port	1 x Type-A
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Relative Humidity 5-95% RH non-condensing, wet bulb: 27°C (80.6°F)  Power Supply Unit 250W PSU, 100 - 240V  Power Consumption: HDD Sleep Mode  Power Consumption: 55.01 W  Operating Mode, Typical  Fan 2 x 80mm, 12VDC  System Warning Buzzer  Max. Number of 2000  Concurrent Connections	Operating temperature	0 - 40 °C (32°F - 104°F)
Power Supply Unit 250W PSU, 100 - 240V  Power Consumption: HDD Sleep Mode  Power Consumption: 55.01 W  Operating Mode, Typical  Fan 2 x 80mm, 12VDC  System Warning Buzzer  Max. Number of Concurrent Connections	Storage Temperature	-20 - 70°C (-4°F - 158°F)
Power Consumption: HDD Sleep Mode  Power Consumption: 55.01 W Operating Mode, Typical  Fan 2 x 80mm, 12VDC  System Warning Buzzer  Max. Number of 2000 Concurrent Connections	Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Sleep Mode  Power Consumption: 55.01 W Operating Mode, Typical  Fan 2 x 80mm, 12VDC  System Warning Buzzer  Max. Number of 2000 Concurrent Connections	Power Supply Unit	250W PSU, 100 - 240V
Operating Mode, Typical  Fan 2 x 80mm, 12VDC  System Warning Buzzer  Max. Number of 2000  Concurrent Connections	·	28.98 W
System Warning Buzzer  Max. Number of 2000 Concurrent Connections	·	55.01 W
Max. Number of 2000 Concurrent Connections	Fan	2 x 80mm, 12VDC
Concurrent Connections	System Warning	Buzzer
	Concurrent Connections	2000

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.

Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS. 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.

<sup>\*</sup> Sound Level Test