



TS-863XU-4G

CPU	AMD G-Series GX-420MC quad-core 2.0 GHz processor
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	4 GB SO-DIMM DDR3L (1 x 4 GB)
Maximum Memory	16 GB (2 x 8 GB)
Memory Slot	2 x SO-DIMM DDR3L
Flash Memory	512 MB (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 SSD Slot	Optional via a PCIe adapter
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	4
10 Gigabit Ethernet Port	1 x 10GBASE-T (10G/5G/2.5G/1G/100M)
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x4
USB 2.0 port	2
USB 3.2 Gen 1 port	2
USB 3.2 Gen 2 (10Gbps) Port	Optional via a PCIe adapter

Form Factor	2U Rackmount
LED Indicators	HDD 1-8, Status, LAN, USB, Power
Buttons	Power, Reset
Dimensions (HxWxD)	89 × 482 × 534 mm
Weight (Net)	11.02 kg
Operating temperature	0 - 40 °C (32°F - 104°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	250W, Input: 110-240 Vac~, 50-60Hz, 5A
Power Consumption: HDD Sleep Mode	40.28 W
Power Consumption: Operating Mode, Typical	94.4 W
Sound Level	35 db(A)
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS)	800

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.