



TS-963X-8G (Legacy)

CPU AMD G-Series GX-420MC 4-core 2.0 GHz processor

CPU Architecture 64-bit x86

Floating Point Unit Yes

Encryption Engine Yes (AES-NI)

System Memory 8 GB SODIMM DDR3/DDR3L

Maximum Memory 16GB (2 x 8GB)

Memory Slot 2 x SODIMM DDR3L

Flash Memory 512MB (Dual boot OS protection)

Drive Bay 5 x 3.5-inch + 4 x 2.5-inch SATA 6Gb/s, 3Gb/s

Drive Compatibility

3.5-inch bays:
 3.5-inch SATA hard disk drives
 2.5-inch SATA hard disk drives
 2.5-inch SATA solid state drives

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Hot-swappable Yes

SSD Cache Acceleration Support Yes

Gigabit Ethernet Port (RJ45) 1

10 Gigabit Ethernet Port 1 x 10GBASE-T (10G/5G/2.5G/1G/100M)

Wake on LAN (WOL) Yes

Jumbo Frame Yes

USB 2.0 port 2

USB 3.2 Gen 1 port 2

Audio Output	1 x built-in speaker, 1 x 3.5mm line out jack (for amplifier or headphone amplifier)
Form Factor	Tower
LED Indicators	Power/Status, LAN, USB, HDD1-5, SSD1-4
Buttons	Power, One Touch Copy, Reset
Dimensions (HxWxD)	182.7 × 224.7 × 223.6 mm
Weight (Net)	3.53 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	120W 100-240V AC adapter
Power Consumption: HDD Sleep Mode	35.64 W
Power Consumption: Operating Mode, Typical	53.06 W
Fan	1 x 14cm smart fan (12V DC)
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	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. 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.

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