

TS-963X-2G	
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	2 GB SO-DIMM DDR3/DDR3L
Maximum Memory	16 GB (2 x 8 GB)
Memory Slot	2 x SO-DIMM DDR3L
Flash Memory	512MB (Dual boot OS protection)
Drive Bay	5 x 2.5-inch or 3.5-inch + 4 x 2.5-inch
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  2.5-inch bays: 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
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)
Jumbo Frame	Yes
USB 2.0 port	2
USB 3.0 port	2
Audio Output	1 x speaker, 1 x line out
Form Factor	Tower
LED Indicators	Power/Status, LAN, USB, HDD1-5, SSD1-4
Buttons	Power, One Touch Copy, Reset
Dimensions (HxWxD)	188.2, 329.3, 279.6
Weight (Net)	3.53
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	120W 100-240V AC adapter
Power Consumption: HDD Sleep Mode	35.64
Power Consumption: Operating Mode, Typical	53.06
Fan	1 x 14cm smart fan (12V DC)
Sound Level	17.3
Kensington Security Slot	Yes

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.