
Encryption Engine



System Memory

4 GB UDIMM DDR4 (1 x 4 GB)

Maximum Memory

16 GB (1 x 16 GB)

Memory Slot

1 x Long-DIMM DDR4

Flash Memory

512 MB (Dual boot OS protection)

Drive Bay

12 x 3.5-inch SATA 6Gb/s, 3Gb/s

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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

Hot-swappable



M.2 SSD Slot

Optional via a PCIe adapter

SSD Cache Acceleration Support



Gigabit Ethernet Port (RJ45)

2

10 Gigabit Ethernet Port

2 x 10GbE SFP+

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Jumbo Frame



PCIe Slot

1

Slot 1: PCIe Gen 2 x2

PCIe bandwidth limitations will restrict the NAS 10GbE performance.

USB 3.0 port

4

Form Factor

2U Rackmount

LED Indicators

HDD 1-12, Status, LAN, Storage expansion

Buttons

Power, Reset

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Dimensions (HxWxD) 3.5 × 18.98 × 21.02 inch

Weight (Net) 25 lbs

Weight (Gross) 38.07 lbs

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 (x2) PSU, 100 - 240V

Power Consumption: HDD Sleep Mode 42.61 W

Power Consumption: Operating Mode, Typical 77.09 W

With drives fully populated

Fan 2 x 70mm, 12VDC

Sound Level 31.7 db(A)

System Warning Buzzer

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: 1 meter in front of operating NAS.


Designs and specifications are subject to change without notice.


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1 meter in

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