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Encryption Engine



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System Memory

4 GB UDIMM DDR4 (1 x 4 GB)

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Maximum Memory

16 GB (1 x 16 GB)

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Memory Slot

1 x Long-DIMM DDR4

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Flash Memory

512 MB (Dual boot OS protection)

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Drive Bay

8 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

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Hot-swappable



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M.2 SSD Slot

Optional via a PCIe adapter

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SSD Cache Acceleration Support



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Gigabit Ethernet Port (RJ45)

2

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10 Gigabit Ethernet Port

2 x 10GbE SFP+

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Jumbo Frame



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PCIe Slot

1

Slot 1: PCIe Gen 2 x2

PCIe bandwidth limitations will restrict the NAS 10GbE performance.

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USB 3.0 port

4

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Form Factor

2U Rackmount

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LED Indicators

HDD 1-8, Status, LAN, Storage expansion

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Buttons

Power, Reset

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Dimensions (HxWxD) 3.5 × 18.98 × 21.02 inch

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Weight (Net) 24.12 lbs

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Weight (Gross) 37.19 lbs

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Operating temperature 0 - 40 °C (32°F - 104°F)

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Relative Humidity 5-95% RH non-condensing, wet bulb: 27 °C (80.6 °F)

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Power Supply Unit 250W (x2) PSU, 100 - 240V

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Power Consumption: HDD Sleep Mode 38.1 W

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Power Consumption: Operating Mode, Typical 60.74 W

With drives fully populated

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Fan 2 x 70mm, 12VDC

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Sound Level 31.1 db(A)

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System Warning Buzzer

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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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