



GM-1002

CPU	Intel® Xeon® E-2236 6-core 3.4 GHz processor (burst up to 4.8 GHz) per node
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	16 GB UDIMM DDR4 (2 x 8 GB) per node
Maximum Memory	128 GB (4 x 32 GB) per node
Memory Slot	4 x Long-DIMM DDR4 per node
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	8 x 3.5-inch + 2 x 2.5-inch per node
Drive Compatibility	<p>3.5-inch bays:</p> <ul style="list-style-type: none">3.5-inch SATA hard disk drives2.5-inch SATA hard disk drives2.5-inch SATA solid state drives <p>2.5-inch bays:</p> <ul style="list-style-type: none">2.5-inch SATA solid state drives2.5-inch U.2 Gen3 x4 solid state drives
Hot-swappable	Yes
M.2 SSD Slot	2 x M.2 2280 NVMe Gen3 x2 slots per node
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 per node (also support 10M)
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC (Mellanox ConnectX®-4 Lx EN)
Wake on LAN (WOL)	Yes

Jumbo Frame	Yes
PCIe Slot	2 per node Slot 1: PCIe Gen3 x4 (PCH) Slot 2: PCIe Gen3 x8 (CPU)
USB 3.2 Gen 2 (10Gbps) Port	4 x Type-A per node
Form Factor	3U Rackmount
LED Indicators	HDD, SSD, Status, Power, Fan, Temperature, Node ID
Buttons	Power, Reset, OLED
Dimensions (HxWxD)	132.1 × 481.7 × 623.4 mm
Weight (Net)	25.21 kg
Weight (Gross)	34.45 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	770W(x2), 100-240V
Power Consumption: HDD Sleep Mode	169.68 W
Power Consumption: Operating Mode, Typical	201.07 W
Fan	3 x 60mm, 12VDC per node
Sound Level	45.6 db(A)
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	10000

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.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.