

GM-1001	
CPU	Intel® Xeon® E-2234 quad-core 3.6 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	8 GB UDIMM DDR4 (2 x 4 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	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 solid state drives 2.5-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
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC (Mellanox ConnectX®-4 Lx EN)
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, Temperaure, 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)
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

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.