

QGD-3014-16PT-8G

Management Type	Web Managed
Number of Ports	16
1GbE (RJ45)	14
1GbE SFP/RJ45 Combo Ports	2
Total PoE Ports	16
PoE PSE (802.3af, 15.4W)	Ports 1-16
PoE+ PSE (802.3at, 30W)	Ports 1-16
PoE Power Output	Ports 1-16 (Max 30W)
Total PoE Power Budget	140W
USB 3.2 Gen 1 port	3
Management Port	2 x 2.5GbE
HDMI Output	2
Power Supply Description	Internal Power Supply Unit
Max. Power Consumption	250W
Input Power Type	AC
Input Voltage Range	100-240VAC, 50/60 Hz
MAC Address Table	8K
Total Non-Blocking Throughput	16Gbps
Switching Capacity	32Gbps
Management Interface	Web
Energy Efficient Ethernet (IEEE 802.3az complaint)	Yes
Fan	System: 12 x 12 cm (12V DC)

Supported Standards	IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3z 1000Base-X IEEE 802.3x Full-duplex flow control IEEE 802.3af/at Power-over-Ethernet (PoE) IEEE 802.1q Virtual LANs (VLAN) IEEE 802.1p QoS Protocol for Traffic Prioritization IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af/at Power-over-Ethernet (PoE)
Form Factor	Desktop
LED Indicators	Per Port: Link/Activity/Speed/PoE Per System: Warning/PoE/Fan
LCD Management	Yes
Buttons	Device PSU power button Host power button Host reset button(load default) Switch reset button
Dimensions (HxWxD)	130 × 295 × 224.8 mm
Weight (Net)	4.08 kg
Weight (Gross)	5.34 kg
Operating Temperature	0°C to 40°C (32°F to 104°F)
Relative Humidity	5% to 95% non-condensing, wet bulb: 27˚C (80.6˚F)
Certifications	CE, FCC, VCCI, BSMI
Electromagnetic Compliance	CLASS A
Jumbo Frames	Yes
QTS Built-in	Yes
CPU	Intel Celeron ® J4125 quad-core 2.0 GHz processor (burst up to 2.7 GHz)
CPU Architecture	64-bit x86
Internal Network Bandwidth	2 x 1GbE
Graphics Processors	Intel® HD Graphics 600
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	8 GB (2 x 4 GB)
Maximum Memory	8 GB
Memory Slot	2 x SODIMM DDR4
Flash Memory	4GB (Dual boot OS protection)

Drive Bays	4 x 3.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	2.5-inch bays: 2.5-inch solid-state drives 2.5-inch hard disk drives 3.5-inch bays: 3.5-inch solid-state drives 3.5-inch hard disk drives
Hot-swappable	Yes
M.2 SSD Slots	2 (M.2 SATA 2280)
SSD Cache Acceleration Support	Yes
File System: Internal Hard Drive	EXT4
File System: External Hard Drive	EXT3, EXT4, NTFS, FAT32, HFS+, exFAT (optional license)
Warranty	2 Years

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.
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