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 802.3af/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 and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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