

QNAP QGD-1602 Managed L2 Gigabit Ethernet (10/100/1000) 1U Black, Grey



Brand : QNAP

Product code: QGD-1602-C3558-8G

Product name : QGD-1602

16x RJ-45, 2x 10GbE SFP+, Intel Atom C3558 (4x 2.2GHz), 8 GB SODIMM DDR4, 4GB Flash, LCD, 2x 2.5" SATA, 100-240 VAC, 44.2 × 435.2 × 327.7 mm, 4.37 kg

QNAP QGD-1602. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 16. Full duplex. MAC address table: 32000 entries, Switching capacity: 96 Gbit/s. Networking standards: IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3an, IEEE.... Rack mounting, Form factor: 1U

Management features		Multicast features	
Switch type *	Managed	Multicast MAC address table	8000 entries
Switch layer	L2	Design	
Quality of Service (QoS) support	✓	Rack mounting *	✓
Web-based management	✓	Form factor	1U
Traffic classification	✓	Product colour	Black, Grey
Ports & interfaces		Reset button	✓
Basic switching RJ-45 Ethernet ports quantity *	16	LED indicators	Activity, Alarm, Link, PoE, Speed
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Number of fans	3 fan(s)
Gigabit Ethernet (copper) ports quantity	8	Electromagnetic compatibility	CLASS A, UL62368
2.5G Ethernet (copper) ports quantity	8	Performance	
SFP+ module slots quantity	2	Built-in processor	✓
Network		Processor manufacturer	Intel
Networking standards *	IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3an, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3bz, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Processor model	Atom C3558
10G support *	✓	Processor frequency	2200 MHz
Copper ethernet cabling technology	10BASE-TX, 1000BASE-T	Internal memory	8000 MB
Port mirroring	✓	Flash memory	4000 MB
Port trunking	✓	Power	
Full duplex	✓	Power source *	AC
Flow control support	✓	Power supply included *	✓
Link aggregation	✓	AC input voltage	100 - 240 V
Rate limiting	✓	Power consumption (max)	280 W
Auto-negotiation	✓	Other features	
VLAN support	✓	Expansion slots	2x PCIe Gen3 (x4 slot, x2 speed)
Virtual LAN features	Port-based VLAN	I/O ports	2x USB 3.2 Gen 1, 2 x 5GbE, 2 x 1GbE
Optical fiber		Operational conditions	
Fiber ethernet cabling technology	10GBASE-LR, 10GBASE-SR, 1000Base-X	Operating temperature (T-T)	0 - 40 °C
Data transmission		Operating relative humidity (H-H)	5 - 95%
Switching capacity *	96 Gbit/s	Weight & dimensions	
Throughput	48 Gbit/s	Width	435.2 mm
MAC address table *	32000 entries	Depth	327.7 mm
Jumbo frames support	✓	Height	44.2 mm
		Weight	4.37 kg
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Quick start guide	✓
		Rack mount kit	✓

Data transmission		Packaging data	
Jumbo frames	9000	Package weight	5.52 kg
Security		Certificates	
DHCP features	DHCP client, DHCP server	Certification	CE, FCC, VCCI, BSMI RCM, CCC
Access Control List (ACL)	✓	Logistics data	
IGMP snooping	✓	Harmonized System (HS) code	85176990
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3, SSH, SSL/TLS		
Loop protection	✓		



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