

QNAP QGD-1602-C3758-16G network switch Managed L2 2.5G Ethernet (100/1000/2500) Black, Grey



Brand : QNAP

Product code: QGD-1602-C3758-16G

Product name : QGD-1602-C3758-16G

8x 2.5GbE RJ45 ports, 8x 1GbE RJ45 ports and 2x 10GbE SFP+ fiber ports

QNAP QGD-1602-C3758-16G. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: 2.5G Ethernet (100/1000/2500), 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



Management features		Design	
Switch type *	Managed	Rack mounting *	✓
Switch layer	L2	Product colour	Black, Grey
Quality of Service (QoS) support	✓	Reset button	✓
Web-based management	✓	LED indicators	Activity, Alarm, Link, PoE, Speed
Traffic classification	✓	Performance	
Ports & interfaces		Built-in processor	✓
Basic switching RJ-45 Ethernet ports quantity *	16	Processor manufacturer	Intel
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)	Processor model	Atom C3758
Gigabit Ethernet (copper) ports quantity	8	Processor frequency	2200 MHz
2.5G Ethernet (copper) ports quantity	8	Internal memory	16000 MB
SFP+ module slots quantity	2	Flash memory	4000 MB
Network		Power	
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	Power source *	AC
10G support *	✓	Power supply included *	✓
Copper ethernet cabling technology	10BASE-TX, 1000BASE-T	AC input voltage	100 - 240 V
Port mirroring	✓	Power consumption (max)	100 W
Port trunking	✓	Power over Ethernet (PoE)	
Full duplex	✓	Power over Ethernet (PoE) *	✗
Flow control support	✓	Other features	
Link aggregation	✓	Expansion slots	2x PCIe Gen3 (x4 slot, x2 speed)
Rate limiting	✓	I/O ports	2x USB 3.2 Gen 1, 2 x 5GbE, 2 x 1GbE
Auto-negotiation	✓	Warranty period	2 year(s)
VLAN support	✓	Operational conditions	
Virtual LAN features	Port-based VLAN	Operating temperature (T-T)	0 - 40 °C
Optical fiber		Operating relative humidity (H-H)	5 - 95%
Fiber ethernet cabling technology	10GBASE-LR, 10GBASE-SR, 1000Base-X	Weight & dimensions	
		Width	436.2 mm
		Depth	326.2 mm
		Height	47.2 mm
		Weight	4.37 kg
		Packaging content	
		Cables included	AC, LAN (RJ-45)

Data transmission		Packaging content	
Switching capacity *	96 Gbit/s	Quick start guide	✓
Throughput	48 Gbit/s	Rack mount kit	✓
MAC address table *	32000 entries	Packaging data	
Jumbo frames support	✓	Package type	Box
Jumbo frames	9000	Package width	530 mm
Security		Package depth	403 mm
DHCP features	DHCP client, DHCP server	Package height	160 mm
Access Control List (ACL)	✓	Package weight	5.56 kg
IGMP snooping	✓	Certificates	
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3, SSH, SSL/TLS	Certification	FCC, VCCI, BSMI RCM, CCC
Loop protection	✓	Logistics data	
Multicast features		Country of origin	Taiwan
Multicast MAC address table	8000 entries	Products per master (outer) case	2 pc(s)



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