

## NETGEAR GS748T Managed L2/L3/L4 Fast Ethernet (10/100) 1U Black



**Brand :** NETGEAR

**Product code:** GS748T-600NAS

**Product name :** GS748T

GS748Tv6 - 48-Port Gigabit Ethernet Smart Switch With 2 Copper/SFP Combo Ports and 2 Dedicated SFP Ports

[NETGEAR GS748T Managed L2/L3/L4 Fast Ethernet \(10/100\) 1U Black:](#)

NETGEAR GS748T Smart Cloud Switch offers powerful L2 and L2+/Layer 3 Lite features and enhanced performance and usability. Manage remotely with Insight Cloud Management

Total Network Solution helps you get the most out of your network

Easily deploy, manage, and monitor NETGEAR Insight managed routers, switches, and access points all from a single pane-of-glass.

### NETGEAR INSIGHT REMOTE MANAGEMENT

Manage locally or remotely through the Cloud for simple yet powerful control of your network anytime, anywhere. A 1-year subscription is included.

Management features		Multicast features	
Switch type *	Managed	Number of multicast groups filtered	512
Switch layer	L2/L3/L4	Protocols	
Quality of Service (QoS) support	✓	Management protocols	SNMP v1/v2
Web-based management	✓	Supported network protocols	IP
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	48	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	Fast Ethernet (10/100)	Form factor	1U
Combo SFP ports quantity	2	Product colour	Black
SFP module slots quantity	2	LED indicators	Activity, Link, Power
Network		Performance	
Networking standards *	IEEE 802.1D, IEEE 802.1as, IEEE 802.1s, IEEE 802.1v, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Noise level	37.2 dB
Port mirroring	✓	Firmware upgradeable	✓
Full duplex	✓	Mean time between failures (MTBF)	390728 h
IP routing	✓	Power	
Flow control support	✓	Power source *	AC/DC
Broadcast storm control	✓	AC input voltage	100 - 240 V
Spanning tree protocol	✓	Power consumption (typical)	41.1 W
VLAN support	✓	Power over Ethernet (PoE)	
Number of VLANs	256	Power over Ethernet (PoE) *	✗
Data transmission		Operational conditions	
Switching capacity *	100 Gbit/s	Operating temperature (T-T)	0 - 40 °C
MAC address table *	16000 entries	Storage temperature (T-T)	-20 - 70 °C
Store-and-forward	✓	Operating relative humidity (H-H)	0 - 90%
Number of queues	8	Storage relative humidity (H-H)	0 - 95%
Number of static routes	32	Operating altitude	0 - 3000 m
Jumbo frames support	✓	Non-operating altitude	0 - 3000 m
		Weight & dimensions	
		Width	440 mm
		Depth	257 mm
		Height	43 mm
		Weight	3.46 kg

Security		Packaging content	
DHCP features	DHCP client	Cables included	AC
Access Control List (ACL)	✓	Manual	✓
IGMP snooping	✓	<b>Certificates</b>	
Security algorithms	802.1x RADIUS, HTTPS, SSL/TLS	Certification	CE, FCC, VCCI, EN, C-Tick, CCC, CSA, UL/cUL, IEC
MAC address filtering	✓		
SSH/SSL support	✓		
Multicast features			
Multicast support	✓		



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### Catalog Object Cloud



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