

## NETGEAR Smart GS110TPv3(GS110TP-300EUS)

NETGEAR Smart GS110TPv3 - Switch - smart - 8 x 10/100/1000 (PoE) + 2 x SFP - desktop,wall-mountable - PoE+ (55 W) - DC power

The GS110TPv3 adds full 8 port PoE support for deployment of modern PoE devices. Cautious spender organizations can now deploy PoE devices connected to a cost effective switch,with a reasonable PoE power budget of 55W. Each port can provide up to 30 watts to power up connected devices. Fanless,the GS110TPv3 supports perfectly silent desktop operation or wall mounting.



### Key Selling Points

- Non-blocking switching with 16Gbps and 20Gbps
- Fanless switches for silent operation in noise sensitive environment
- Layer 3 static routing with 32 routes (IPv4) for inter-VLAN local routing
- Advanced VLAN support for better network segmentation
- Auto "denial-of-service"(Dos) prevention
- IGMP Snooping and Querier for multicast optimization
- Rate limiting and priority queuing for better bandwidth allocation
- Port mirroring for network monitoring
- Energy Efficient Ethernet (IEEE 802.3az) for maximum power savings
- Cable test to troubleshoot connection issues
- SNMP v1,v2c,v3 and RMON remote monitoring

### Main Specifications

Product Description	NETGEAR Smart GS110TPv3 - switch - 8 ports - smart
Device Type	Switch - 8 ports - smart
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 (PoE) + 2 x SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	55 W
Performance	Switching fabric bandwidth: 20 Gbps  Forwarding performance (64-byte packet size): 14.8 Mpps
Capacity	Packet buffer size: 512 KB  ACL entries (ingress): 100  VLANs supported: 64  IPv4 routes (static): 32
MAC Address Table Size	8K entries
Jumbo Frame Support	10KB
Routing Protocol	IGMPv2,IGMP,IGMPv3,static IPv4 routing,MLDv2,MLD
Remote Management Protocol	SNMP 1,RMON 1,RMON 2,RMON 3,RMON 9,SNMP 3,SNMP 2c,HTTP,HTTPS,TFTP,IPv6
Features	IGMP snooping,Syslog support,DoS attack prevention,port mirroring,DiffServ support,store and forward,Broadcast Storm Control,Multicast Storm Control,Unicast Storm Control,firmware upgradable,Spanning Tree Protocol (STP) support,Rapid Spanning Tree Protocol (RSTP) support,Multiple Spanning Tree Protocol (MSTP) support,DHCP snooping,Access Control List (ACL) support,MLD snooping,fanless,Link Aggregation Control Protocol (LACP),DHCP client,dual firmware images,loop prevention,tagged VLAN,cable test,LLDP-MED,protected ports,Energy-Efficient Ethernet (EEE),Weighted Round Robin (WRR),Advanced QoS,Unknown Storm Control,security slot (Kensington security lock compatible)
Compliant Standards	IEEE 802.1D,IEEE 802.1Q,IEEE 802.1p,IEEE 802.3af,IEEE 802.3x,IEEE 802.3ad (LACP),IEEE 802.1w,IEEE 802.1x,IEEE 802.1s,IEEE 802.1ab (LLDP),IEEE 802.3at,IEEE 802.3az
Power	DC 54 V

Dimensions (WxDxH)	23.6 cm x 10.1 cm x 2.7 cm
Weight	610 g
Localisation	Europe
Manufacturer Warranty	NETGEAR lifetime warranty

## Extended Specification

### General

Device Type	Switch - 8 ports - smart
Enclosure Type	Desktop, wall-mountable
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 (PoE) + 2 x SFP
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PoE Budget	55 W
Performance	Switching fabric bandwidth:20 Gbps Forwarding performance (64-byte packet size):14.8 Mpps
Capacity	Packet buffer size:512 KB ACL entries (ingress):100 VLANs supported:64 IPv4 routes (static):32
MAC Address Table Size	8K entries
Jumbo Frame Support	10KB
Routing Protocol	IGMPv2,IGMP,IGMPv3,static IPv4 routing,MLDv2,MLD
Remote Management Protocol	SNMP 1,RMON 1,RMON 2,RMON 3,RMON 9,SNMP 3,SNMP 2c,HTTP,HTTPS,TFTP,IPv6
Encryption Algorithm	TLS 1.2
Authentication Method	RADIUS,TACACS+
Features	IGMP snooping,Syslog support,DoS attack prevention,port mirroring,DiffServ support,store and forward,Broadcast Storm Control,Multicast Storm Control,Unicast Storm Control,firmware upgradable,Spanning Tree Protocol (STP) support,Rapid Spanning Tree Protocol (RSTP) support,Multiple Spanning Tree Protocol (MSTP) support,DHCP snooping,Access Control List (ACL) support,MLD snooping,fanless,Link Aggregation Control Protocol (LACP),DHCP client,dual firmware images,loop prevention,tagged VLAN,cable test,LLDP-MED,protected ports,Energy-Efficient Ethernet (EEE),Weighted Round Robin (WRR),Advanced QoS,Unknown Storm Control,security slot (Kensington security lock compatible)
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Processor	:500 MHz
RAM	128 MB
Flash Memory	32 MB
Status Indicators	Port status,PoE,link/activity/speed

### Expansion / Connectivity

Interfaces	8 x 1000Base-T RJ-45 PoE+ 2 x 1000Base-X SFP
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### Power

Power Device	External power adapter
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Voltage Required	DC 54 V
Power Consumption Operational	69.5 Watt
Power Consumption Stand by	4.3 Watt

### Miscellaneous

Included Accessories	Wall mounting kit
MTBF	1,200,041 hours
Localisation	Europe

### Dimensions &Weight

Width	23.6 cm
Depth	10.1 cm
Height	2.7 cm
Weight	610 g

### Manufacturer Warranty

Service &Support	Limited warranty - replacement - lifetime - response time:next business day Limited warranty - power supply - 2 years Technical support - phone consulting - 90 days
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### Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	95% (non-condensing)
Min Storage Temperature	-20 °C
Max Storage Temperature	70 °C
Humidity Range Storage	95% (non-condensing)

### What's in the box

NETGEAR Smart GS110TPv3  
External power adapter,wall mounting kit

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