

Tenda



G0-5G-PoE

5 Port Cloud Managed PoE Router



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Product Introduction

G0-5G-PoE integrates router, PoE switch, and access controller altogether. Dedicated 4x PoE+ Ports for PoE-sup ported devices such as access points, IP cameras, and IP phones, lowering infrastructure costs for small businesses.

G0-5G-PoE supports pass-through traffic and multiple VPN protocols, including IPSec, PPTP, and L2TP . Intelligent load balancing and link redundancy between multiple WAN ports.

Key Feature

- Integrates router, PoE switch, and controller altogether.
- Dual-Core CPU provides 1Gbps Forwarding performance.
- Up to 4x WAN Ethernet Ports, Support load balancing.
- 4x 802.3at/af-compliant PoE+ ports yield a total power supply of 55W.
- Supports IPsec VPN, and L2TP/PPTP VPN connections.

Product Features



High-Performance

Dual-Core CPU, Nat performance up to 1000Mbps.



55W PoE Budget

It supports WEB, E-mail, SMS, Random Code, PPPoE, and other authentication methods to control internet access rights and ensure network security.



Multiple WAN

supports up to 4 WAN ports. It can realize bandwidth stacking with 4 broadband lines, and the stacking efficiency can reach 98%.



Wireless optimization

Can optimize channels and power based on enterprise office scenarios; Greatly improves roaming performance and wireless performance.



Smart bandwidth management

Smart bandwidth management: No need to set the upper bandwidth limit, you can just fill in the actual bandwidth for access.

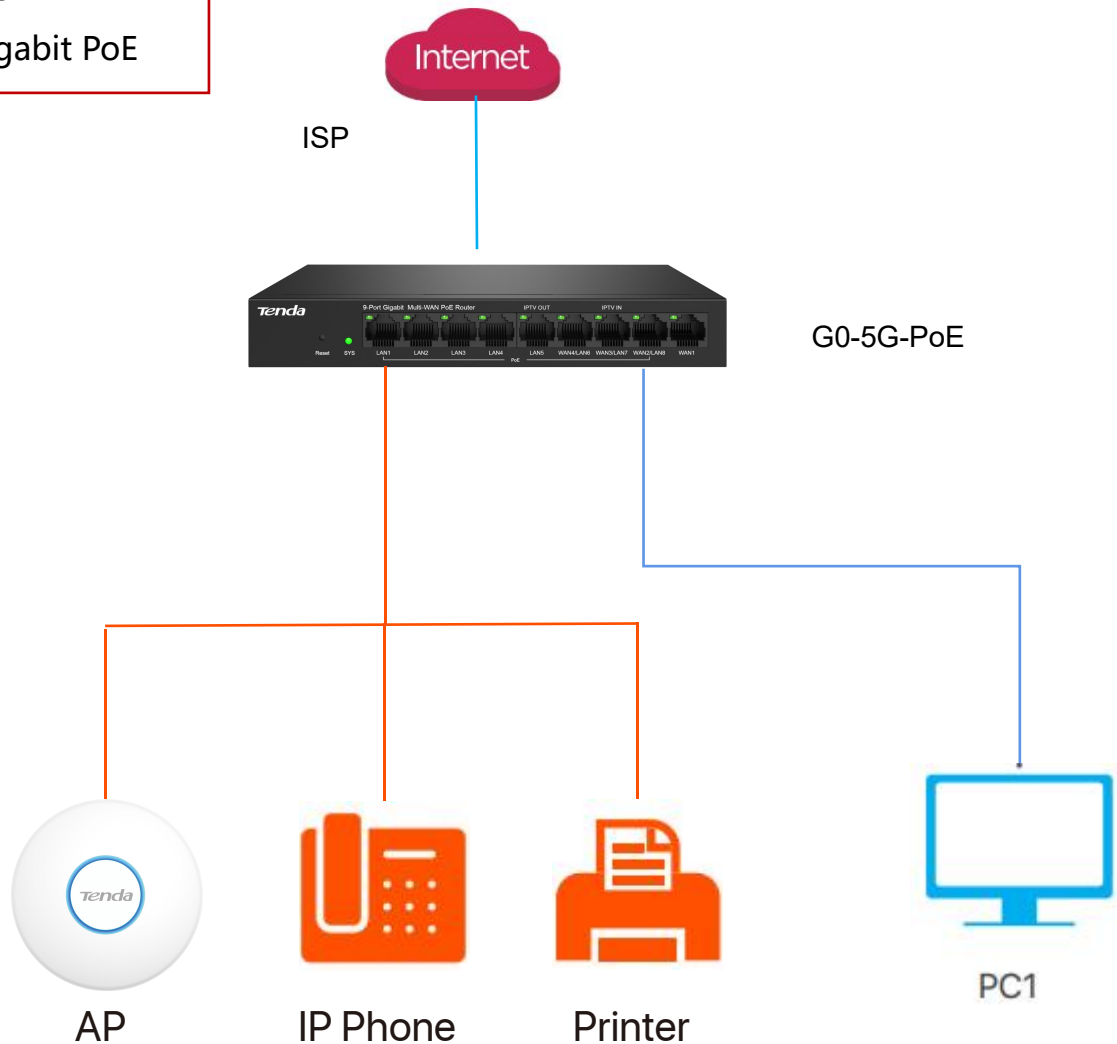
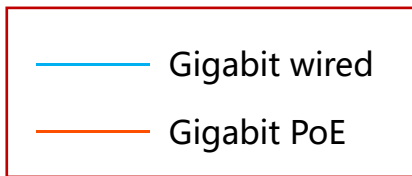
Custom bandwidth management: Custom bandwidth management needs to set the upper limit bandwidth of a single host, and the device will carry out strict bandwidth control.



Easy Installation

compact design for desktop and wall mounting.

Application scenarios



Related Products



i27

- 2.4 GHz Band up to 574 Mbps.
- 5 GHz Band up to 2402 Mbps.
- Small and compact.
- Fast roaming at 50 ms.



W15-Pro

- 2.4 GHz Band up to 574 Mbps.
- 5 GHz Band up to 2402 Mbps.
- Fast roaming at 50 ms.
- Double-sided tape installation.

Product Specifications

Product Informations

Model	G0-5G-PoE
Installation	Desktop
Dimensions (L*W*H)	100*100*26mm
Application Scenario	Home,Villa,Enterprise Office,Retail,CCTV
Operation mode	Router Mode, AC Mode

Performance Parameters

Recommended Client Capacity	100
Max. Client Capacity	150
Recommended broadband	1000Mbps
Max. New Sessions	4000
Max. Concurrent Sessions	49000
AP Management	Router mode: 128; AC mode: 256
WAN	1-4WAN
NAT(Static IP)	up:940Mbps;down:930Mbps
NAT(DHCP)	up:941Mbps;down:932Mbps
NAT(PPPoE)	up:914Mbps;down:924Mbps
VLAN	4

Hardware Parameters

CPU	Dual Core, 1.0GHz
RAM	128 MB
FLASH	16MB
Interface	5*GE (Max. 4 WAN, Max. 4 LAN)
PoE output	802.3af/at on LAN1-4
PoE Budget	55W
Power Supply	51VDC/1.25A Adapter

Software Parameters(Router)

AP Management	AP Group,Guest Wi-Fi,Wi-Fi Schedule,Wi-Fi Optimization,Scheduled Optimization
Status	Network Info,WAN Real-time Rate,Statistics of terminals
DHCP Server	User DHCP Server,AP DHCP Server,DHCP Reservation,Excluded IP Address
Fast Roaming	802.11K,V,R
Wi-Fi Security	WPA-PSK,WPA2-PSK,WPA/WPA2-PSK/WPA3-SAE,WPA3-SAE/WPA2-PSK,WPA,WPA2
WAN Load Balancing	Intelligent Load Balancing,Customize
ACL	IP Filtering,MAC Filtering,Port Filtering,URL Filtering,Wireless MAC Filtering,User Filtering
IPTV	IPTV Policy

Product Specifications

Software Parameters(Router)

Bandwidth Limit	Group Limit,Single User Limit
VPN	IPSec,PPTP,L2TP
Virtual Server	DMZ,DDNS,DNS Hijacking,IP Hijacking,UPNP,Interface Mirroring,Port Mapping,DNS Cache
Maintenance Server	Remote Web Management,Remote Debugging,Cloud Maintenance
Advanced Routing	Internet connection detection,Static Routing,Policy Routing
Security	IP-MAC binding, Block Ping from WAN,DDoS Attack Defense,ARP Attack Defense,Binary Association
IPV6	Support
System Tools	NTP,Scheduled reboot, Diagnosis
System Log	System Log,Operating Log,Running Log
Maintenance	Restore,Backup,Scheduled reboot
Management Grading	Administrator,Visitor,Login IP Address Limit
Upgrade	Local,Online
Network Diagnosis	Network Diagnosis,Client Detection,WAN Diagnosis,Network Monitoring
Management	http/https,Cloud management (Web & App)

Software Parameters(AC)

AP Management	AP Group,Guest Wi-Fi,Wi-Fi Schedule,Wi-Fi Optimization,Scheduled Optimization
Status	Statistics of terminals
DHCP Server	User DHCP Server,AP DHCP Server,DHCP Reservation,Excluded IP Address
Fast Roaming	802.11K,V,R
Wi-Fi Security	WPA-PSK,WPA2-PSK,WPA/WPA2-PSK/WPA3-SAE,WPA3-SAE/WPA2-PSK,WPA,WPA2
ACL	Wireless MAC Filtering
Maintenance Server	Remote Web Management,Remote Debugging,Cloud Maintenance
System Tools	NTP,Scheduled reboot, Diagnosis
System Log	System Log,Operating Log,Running Log
Maintenance	Restore,Backup,Scheduled reboot
Management Grading	Administrator,Visitor,Login IP Address Limit
Upgrade	Local,Online
Management	http/https,Cloud management (Web & App)

Product Specifications

Environment

Operating Temperature:	-10°C-45°C
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Operating Humidity:	10%-90% RH, non-condensing
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Storage Temperature:	-40-70°C
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Storage Humidity:	5%-90% RH, non-condensing
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