GRANDSTREAM
CONNECTING THE WORLD



Unmanaged Network Switches

GWN7700(P&PA) Series

The GWN7700 series are unmanaged network switches that provide a quick and cost-effective way to add high-speed Gigabit connectivity to home offices and small/medium businesses. It requires no configuration or installation, offers a desktop and wall-mountable design, and provides auto MDI/MDIX to eliminate the need for crossover cables. Each port supports auto-negotiation to allow the GWN7700 series to recognize the link speed of any 10/100/1000Mbps network device and intelligently adjust for compatibility and optimal performance. The PoE (Power-over-Ethernet) models provide ports with IEEE 802.3af/at compliant, smart dynamic PoE output to power IP phones, IP cameras, Wi-Fi access points and other PoE endpoints. The plug-and-play GWN7700 series are the ideal unmanaged network switches for home offices and small-to medium businesses.

Gigabit

5/8/16/24/48 Gigabit RJ45 ports, 4 port PoE+ output (GWN7700P & GWN7701P), 8 port PoE+ output (GWN7701PA & GWN7702P)

Green technology reduces power consumption

LED Indicators;
Per port: Link/Activity
Per device: Power

Auto MDI/MDIX crossover for all ports

PoE

802.3 af/at compliant
Up to 30W on each port, (GWN7700P/GWN7701P/ GWN7701PA/GWN7702P only)

Broadcast/Multicast/ Unicast Storm Control (fixed to 100Mbps) to monitor traffic levels

Supports long cable connection

QoS

QoS - Supports Default Strict Priority when present

GWN7700 - GWN7700P

	 GWN7700	 GWN7700P
Gigabit Ports	5	5
PoE Ports	N/A	4
Enclosure	Plastic	Metal
Mounting	Desktop/ Wall-Mount	
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at	
Port Feature	5× 10/100/1000Mbps RJ45 Ports AUTO Negotiation AUTO MDI/MDIX	
Network Media	1000Base-T/100Base-TX/10Base-T, Half/Full-Duplex	
PoE Configuration	/	•1~4 Ports 802.3 af/at compliant •Up to 30 W on Each Port, Total 60W Power Budget; •Overload to cut off the lowest-priority port. •Priority: Port 4 to Port 1
LED Indicators	Per port: Link/Activity Green Per device: Power Green	
Mac Address Table	2K	
Switching Capacity	10Gbps	
Jumbo Frame	9KB	
Advanced Features	Mac Address Auto-Learning And Auto-Aging IEEE 802.3x Flow Control 802.1p/DSCP QoS IGMP: •IGMP Fast-Leave •IGMP Snoop •Route Port Autolearn •Query Refresh Member Port	
Power Adapter	External 5VDC/0.6A	External 48-53.5VDC/1.22A
Max Power Consumption by Base System	1.7W	2W (excluding PoE output power)
Environmental	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 10% to 90% Non-condensing	
Dimensions (L x W x H)	Unit:120 x 65 x 24.5mm Package: 223 x 90.5 x 54mm	Unit: 145 x 80 x 27mm Package: 230 x 190 x 51mm
Weight	Unit: 0.1KG Entire Package: 0.25KG	Unit Weight: 0.26KG Entire Package: 0.75KG
Package	1x Switch, 1x Power Adapter,1x QIG	
Compliance	FCC, CE, RCM, IC, UKCA	

GWN7701 - GWN7701P - GWN7701PA

	 GWN7701	 GWN7701P	 GWN7701PA
Gigabit Ports	8	8	8
PoE Ports	N/A	4	8
Enclosure	Plastic	Metal	Metal
Mounting	Desktop/ Wall-Mount	Desktop/ Wall-Mount	Desktop/Rack-Mount
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at		
Port Feature	8× 10/100/1000Mbps RJ45 Ports AUTO Negotiation AUTO MDI/MDIX		
Network Media	1000Base-T/100Base-TX/10Base-T, Half/Full-Duplex		
PoE Configuration	/	•1~4 Ports 802.3 af/at compliant •Up to 30 W on Each Port, Total 60W Power Budget; •Overload to cut off the lowest-priority port. •Priority: Port 4 to Port 1	•1~8 Ports 802.3 af/at compliant •Up to 30 W on Each Port, Total 145W Power Budget; •Overload to cut off the lowest-priority port. •Priority: Port 8 to Port 1
LED Indicators	Per port: Link/Activity Green Per device: Power Green		Per port: Link/Activity - Green Per port: PoE output - Yellow Per device: Power Green
Mac Address Table	8K		
Switching Capacity	16Gbps		
Jumbo Frame	9KB		
Advanced Features	Mac Address Auto-Learning And Auto-Aging IEEE 802.3x Flow Control 802.1p/DSCP QoS Unlink clear FDB Feature IGMP: •IGMP Fast-Leave •IGMP Snoop •Route Port Autolearn •Query Refresh Member Port		
Power Adapter	External 5VDC/0.6A	External 48-53.5VDC/1.22A	Internal 100-240V AC AC, 50/60Hz,150W
Max Power Consumption by Base System	2.7W	3W (excluding PoE output power)	6.7W @220V/50Hz (excluding PoE output power)
Environmental	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 10% to 90% Non-condensing		
Dimensions (L x W x H)	Unit: 164 x 80 x 30mm Package: 202 x 166 x 54mm	Unit:190 x 100 x 28mm Package: 230 x 210 x 51mm	Unit: 280 x 180 x 44mm Package: 366 x 211 x 53mm
Weight	Unit: 0.17KG Entire Package: 0.38KG	Unit: 0.44KG Entire Package: 0.92KG	Unit: 1.5KG Entire Package: 2.1KG
Package	1x Switch, 1x Power Adapter, 1x QIG	1x Switch, 1x Power Adapter, 1x QIG	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QIG
Compliance	FCC, CE, RCM, IC, UKCA		

GWN7702 - GWN7702P - GWN7703

	 GWN7702	 GWN7702P	 GWN7703
Gigabit Ports	16	16	24
PoE Ports	N/A	8	N/A
Enclosure	Metal		
Mounting	Desktop/Rack-Mount		
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at		
Port Feature	16/24× 10/100/1000Mbps RJ45 Ports AUTO Negotiation AUTO MDI/MDIX		
Network Media	1000Base-T/100Base-TX/10Base-T, Half/Full-Duplex		
PoE Configuration	/	•1~8 Ports 802.3 af/at compliant •Up to 30 W on Each Port, Total 138W Power Budget; •Overload to cut off the lowest- s priority port. •Priority: Port 1 to Port 8	/
LED Indicators	Per port: Link/Activity Green Per device: Power Green	Per port: Link/Activity - Green Per port: PoE output - Yellow Per device: Power Green	Per port: Link/Activity Green Per device: Power Green
Mac Address Table	8K		
Switching Capacity	32Gbps	32Gbps	48Gbps
Jumbo Frame	10KB		
Advanced Features	Mac Address Auto-Learning And Auto-Aging IEEE 802.3x Flow Control Half duplex backpressure		
Power Adapter	Internal 100-240V AC, 50/60Hz,18W	Internal 100-240V AC, 50/60Hz,150W	Internal 100-240V AC, 50/60Hz,18W
Max Power Consumption by Base System	8W@220V/50Hz	10.1W@220V/50Hz (excluding PoE output power)	13W@220V/50Hz
Environmental	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 10% to 90% Non-condensing		
Dimensions (L x W x H)	Unit: 280 x 180 x 44mm; Package: 366 x 211 x 53mm		
Weight	Unit: 1.23KG Entire Package: 1.83KG	Unit: 1.58KG Entire Package: 2.18KG	Unit: 1.35KG Entire Package: 1.95KG
Package	1x Switch, 1x 1.2m AC Cable, Rack-mounting Standard Brackets, 4x Rubber Feet, 1x QIG		
Compliance	FCC, CE, RCM, IC, UKCA		

GWN7706

	GWN7706
	
Gigabit Ports	48
Enclosure	Metal
Mounting	Desktop/ Rack-Mount
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p
Port Feature	48× 10/100/1000 Mbps RJ-45 Ports 2× SFP Fiber Ports AUTO Negotiation, AUTO MDI/MDIX
Network Media	1000Base-X, 1000Base-T/100Base-TX/10Base-Te, Half/Full-Duplex
LED Indicators	Per port: Link/Activity Green, Per device: Power Green
Mac Address Table	16K
Switching Capacity	100Gbps
Jumbo Frame	9KB
Advanced Features	Mac Address Auto-Learning And Auto-Aging IEEE 802.3x Flow Control 802.1p/DSCP QoS
Power Adapter	Internal 100-240V AC,50/60Hz,40W
Max Power Consumption by Base System	30W@220V/50Hz
Environmental	Operating Temperature: 0 to 40 °C (32 to 104 °F) Storage Temperature: -20 to 60 °C (-4 to 140 °F) Operating Humidity: 10% to 90% Non-condensing Storage Humidity: 10% to 90% Non-condensing
Dimensions (L x W x H)	Unit : 440 x 200 x 44mm Package: 500*335*89mm
Weight	Unit: 2.80Kg Entire Package: 3.60Kg
Package	1x Switch 1x 1.2m AC Cable Rack-mounting Standard Brackets 4x Rubber Fee 1x GND Cable 1x QIG
Compliance	FCC, CE, RCM, IC, UKCA