

	GWN7801	GWN7801P	GWN7802	GWN7802P	GWN7803	GWN7803P
Network Protocol	IPv4, IPv6, IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3af/at, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1d, IEEE 802.1s					
Gigabit Ethernet Ports	8		16		24	
Gigabit SFP Ports	2		4			
Console	1					
# of PoE Ports	/	8	/	16	/	24
Integrated Power Supply	30W	150W	30W	270W	30W	400W
Max Output Power per PoE Port	/	30W	/	30W	/	30W
Max Total PoE Output Power	/	120W	/	240W	/	360W
PoE Standards	/	IEEE 802.3af/at	/	IEEE 802.3af/at	/	IEEE 802.3af/at
Auxiliary Ports	1x Reset Pinhole					
Forwarding Mode	Store-and-forward					
Total non-blocking throughput	10Gbps		20Gbps		28Gbps	
Switching Capability	20Gbps		40Gbps		56Gbps	
Forwarding Rate	14.88Mpps		29.76Mpps		41.66Mpps	
Packet Buffer	4.1Mb					
Network Latency	Avg<4µs					
Switching	<ul style="list-style-type: none"> • 8K static, dynamic and filtering MAC addresses • 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN • VLAN virtual interface • GVRP (pending) • 8 link aggregation groups • Spanning tree, 16 instances for STP/RSTP/MSTP 					
Multicast	IGMP Snooping, MLD Snooping, MVR					
QoS/ACL	<ul style="list-style-type: none"> • Auto detection and prioritization of voice/video/RTP/SIP/other latency-sensitive packets (pending) • Port priority • Priority mapping • Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ • Traffic shaping • Rate limit • 1.5K ACL for Ethernet, IPv4 and IPv6 					
DHCP	DHCP server, DHCP relay, Option 82, 60,160 and 43					
Maintenance	CPU and memory monitoring, SNMP, RMON, LLDP&LLDP-MED, backup and restore, syslog, alert, diagnostics including Ping, Traceroute, port mirroring, UDLD(TBD) and copper test					
Security	<ul style="list-style-type: none"> • User hierarchical management and password protection, HTTPS, SSH, Telnet • 802.1X authentication • AAA authentication including RADIUS, TACACS+ • Storm control • Port isolation, port security, sticky MAC • Filtering MAC address • IP source guard, DoS attack prevention, ARP inspection • DHCP Snooping • Loop protection including BPDU protection, root protection and loopback protection • Kensington Security Slot (Kensington Lock) support 					
LEDs	1x tri-color LED for device tracking and status indication, 10x green LEDs for data ports	1x tri-color LED for device tracking and status indication, 10x green-color LEDs for data ports, 8x yellow-color LEDs for PoE ports	1x tri-color LED for device tracking and status indication, 20x green LEDs for data ports	1x tri-color LED for device tracking and status indication, 20x green-color LEDs for data ports, 16x yellow-color LEDs for PoE ports	1x tri-color LED for device tracking and status indication, 28x green LEDs for data ports	1x tri-color LED for device tracking and status indication, 28x green-color LEDs for data ports, 24x yellow-color LEDs for PoE ports
Fan	/	/	/	1	/	2
Environmental	Operation: 0°C to 45°C, humidity 10-90% RH(Non-condensing) Storage: -10°C to 60°C, humidity: 5% to 95%(Non-condensing)					
Dimensions	330mm(L)x175mm(W)x44mm(H)			440mm(L)x200mm(W)x44mm(H)		
Unit Weight	1.8Kg	2Kg	2.6Kg	3Kg	2.7Kg	3.3Kg
Mounting	Desktop, Wall-Mount, or Rack-Mount(rack-mounting kits included)					
Package Content	1x Switch 1x 1.2m(10A) AC Cable 8x screws 1x Ground Cable 4x Rubber Feet 1x Quick Installation Guide 1x Power Cord Anti-Trip					
	2x Extended Rack-Mounting Kits			2x Rack Mounting Kits		
Compliance	FCC, CE, RCM, IC, UKCA					