

	GWN7830	GWN7831	GWN7832
<b>Network Protocol</b>	IPv4, IPv6, IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ae, IEEE 802.3az, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1p, IEEE 802.1Q, IEEE 802.3AB, IEEE 802.1p, IEEE 802.1D, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x		
<b>Gigabit Ethernet Ports</b>	2	4x Combo	/
<b>Gigabit SFP Ports</b>	6	24	/
<b>Gigabit SFP+ Ports</b>	4		12
<b>Maximum no. of Supported Modules</b>	Note: Support DAC Cable and must be ≤ 5m		
	SM-1G: 6 MM-1G: 6 RJ45-1G: 3 SM-10G: 4 MM-10G: 4 RJ45-10G: 2	SM-1G: 24 MM-1G: 24 RJ45-1G: 12 SM-10G: 4 MM-10G: 4 RJ45-10G: 2	SM-10G: 12 MM-10G: 12 RJ45-10G: 6
	Note: RJ45-1G, RJ45-10G modules must be interval inserted		
<b>Console</b>	1		
<b>Integrated Power Supply</b>	30W	60W	60W
<b>External Redundant Power Supply( RPS)</b>	/	12V/60W	12V/60W
<b>Auxiliary Ports</b>	1x Reset Pinhole		
<b>Forwarding Mode</b>	Store-and-forward		
<b>Total non-blocking throughput</b>	48Gbps	64Gbps	120Gbps
<b>Switching Capability</b>	96Gbps	128Gbps	240Gbps
<b>Forwarding Rate</b>	71.424Mpps	95.232Mpps	80.352Mpps
<b>Packet Buffer</b>	12Mb	12Mb	16Mb
<b>Network Latency</b>	<4μs	<4μs	<2μs
<b>Switching</b>	16K MAC addresses, including static, dynamic and filtering MAC address		32K MAC addresses, including static, dynamic and filtering MAC address
	<ul style="list-style-type: none"> <li>• 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN</li> <li>• VLAN virtual interface</li> <li>• GVRP(pending)</li> </ul>		
	6 link aggregation	14 link aggregation	6 link aggregation
	Spanning tree, 32 instances for STP/RSTP/MSTP		Spanning tree, 64 instances for STP/RSTP/MSTP
<b>Routing</b>	<ul style="list-style-type: none"> <li>• Static routing</li> <li>• Dynamic routing, including RIP, RIPng, OSPF and OSPFv3</li> <li>• Policy routing(pending)</li> </ul>		
<b>Multicast</b>	<ul style="list-style-type: none"> <li>• IGMP Snooping with IGMPv2 and IGMPv3</li> <li>• MLD Snooping with MLDv1 and MLDv2</li> <li>• MVR(pending)</li> </ul>		
<b>QoS/ACL</b>	<ul style="list-style-type: none"> <li>• Port priority</li> <li>• Priority mapping</li> <li>• Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ</li> <li>• Traffic shaping</li> <li>• Rate limit</li> </ul>		
	2K ACL for Ethernet, IPv4 and IPv6		4K ACL for Ethernet, IPv4 and IPv6
<b>DHCP</b>	DHCP server, DHCP relay, Option 82, 60, 160 and 43		
<b>Maintenance</b>	CPU and memory monitoring, fault detection and alarm for power supply and fan, SNMP, RMON, LLDP&LLDP-MED, backup and restore, syslog, diagnostics including Ping, Traceroute, port mirroring, UDLD(TBD) and copper test		
<b>Security</b>	<ul style="list-style-type: none"> <li>• User hierarchical management and password protection, HTTPS, SSH, Telnet</li> <li>• 802.1X authentication</li> <li>• AAA authentication including RADIUS, TACACS+</li> <li>• Storm control</li> <li>• Port isolation, port security, sticky MAC</li> <li>• Filtering MAC address</li> <li>• IP source guard, DoS attack prevention, ARP inspection</li> <li>• DHCP Snooping</li> <li>• Loop protection including BPDU protection, root protection(pending) and loopback protection(pending)</li> <li>• Kensington Security Slot (Kensington Lock) support</li> </ul>		
<b>Mounting</b>	Desktop, Wall-Mount or Rack-Mount(rack-mounting kits included)		
<b>System LEDs</b>	1x tri-color LED for device tracking and status indication		
<b>Power Supply LEDs</b>	/	2x bi-color LEDs for per power supply PWR&RPS	
<b>Data Transferring LEDs</b>	12x green-color LEDs	32 green-color LEDs	12x bi-color LEDs for 1G/10G
<b>Fan</b>	/	2	
<b>Environmental</b>	Operation: 0°C to 45°C, humidity 10% to 90% RH(Non-condensing) Storage: -10°C to 60°C, humidity: 10% to 90% RH(Non-condensing)		
<b>Dimensions</b>	330mm(L)x175mm(W)x44mm(H)		440mm(L)x200mm(W)x44mm(H)
<b>Unit Weight</b>	1.91Kg	3.15Kg	2.67Kg
<b>Package Content</b>	1x Switch		
	1x 1.2m(10A) AC Cable		
	1x 25cm Ground Cable		
	4x Rubber Footpads		
	1x Power Cord Anti-Trip		
	2x Extended Rack-Mounting Kits	2x Rack-Mounting Kits	
	8x Screws(KM 3*6)		
	1x Quick Installation Guide		
1x Console Cable(Optional)			
/	1x RPS, External Redundant Power Supply(Optional)		
<b>Compliance</b>	FCC, CE, RCM, IC, UKCA		