

# GWN7800 Pro Series Master Comparison Chart

	 <b>GWN7801P Pro</b>	 <b>GWN7802P Pro</b>	 <b>GWN7803 Pro</b>	 <b>GWN7803PL Pro</b>	 <b>GWN7803PH Pro</b>	 <b>GWN7806PL Pro</b>	 <b>GWN7806PH Pro</b>
Gigabit RJ45 Ethernet Ports	8	16	24	24	24	48	48
Gigabit SFP/SFP+ Ports	2x 2.5G SFP ports	2x SFP+ ports	2x SFP+ ports	2x SFP+ ports	2x SFP+ ports	6x SFP+ ports	6x SFP+ ports
Serial Console Port	1	1	1	1	1	1	1
Number of PoE Ports	8	16	-	24	24	48	48
Layer Tier	L2++ with static routing; IPv4/IPv6 unicast						
Integrated Power Supply	145.5W	294.4W	21.4W	299.2W	471.4W	509.3W	870.9W
Max Output Power Per PoE Port	30W	60W	-	30W	60W	30W	60W
Max Total PoE Output Power	120W	250W	-	250W	400W	400W	800W
PoE Standard	IEEE 802.3af/at	IEEE 802.3af/at/bt	-	IEEE 802.3af/at	IEEE 802.3af/at/bt	IEEE 802.3af/at	IEEE 802.3af/at/bt
Auxillary Ports	1x reset pinhole						
Total Non-Blocking Throughput	13 Gbps	36 Gbps	44 Gbps	44 Gbps	44 Gbps	108 Gbps	108 Gbps
Switching Capability	26 Gbps	72 Gbps	88 Gbps	88 Gbps	88 Gbps	216 Gbps	216 Gbps
Forwarding Rate	19.344 Mpps	53.568 Mpps	65.472 Mpps	65.472 Mpps	65.472 Mpps	160.704 Mpps	160.704 Mpps
Packet Buffer	8.4 Mb						
Switch Configuration	Jumbo frame (maximum length: 12288), 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, QinQ, MAC-based VLAN, Protocol-based VLAN, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, GVRP(pending) ERPS(pending), 16K MAC addresses	Jumbo frame (maximum length: 12288), 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, QinQ, MAC-based VLAN, Protocol-based VLAN, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, GVRP(pending) ERPS(pending), 16K MAC addresses	Jumbo frame (maximum length: 12288), 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, QinQ, MAC-based VLAN, Protocol-based VLAN, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, GVRP(pending) ERPS(pending), 16K MAC addresses	Jumbo frame (maximum length: 12288), 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, QinQ, MAC-based VLAN, Protocol-based VLAN, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, GVRP(pending) ERPS(pending), 16K MAC addresses	Jumbo frame (maximum length: 12288), 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, QinQ, MAC-based VLAN, Protocol-based VLAN, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, GVRP(pending) ERPS(pending), 16K MAC addresses	Jumbo frame (maximum length: 12288), 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, QinQ, MAC-based VLAN, Protocol-based VLAN, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, GVRP(pending) ERPS(pending), 32K MAC addresses	Jumbo frame (maximum length: 12288), 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, QinQ, MAC-based VLAN, Protocol-based VLAN, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, GVRP(pending) ERPS(pending), 32K MAC addresses
QoS/ACL	Yes						
Fan	-	2 Fans	-	2 Fans	3 Fans	4 Fans	4 Fans
Stacking	No	No	No	No	No	Yes	Yes
Mounting	Desktop, Wall-mount or Rack-mount (rack-mount brackets included)	Desktop, Wall-mount or Rack-mount (rack-mount brackets included)	Desktop, Wall-mount or Rack-mount (rack-mount brackets included)	Desktop, Wall-Mount, or Rack-Mount (rack mounting kits included)	Desktop, or Rack-Mount (rack-mounting kits included)	Desktop, or Rack-Mount (rack-mounting kits included)	Desktop, or Rack-Mount (rack-mounting kits included)
Dimensions	330mm(L) × 175mm(W) × 44mm(H)	440mm(L) × 200mm(W) × 44mm(H)	440mm(L) × 200mm(W) × 44mm(H)	440mm(L) × 200mm(W) × 44mm(H)	440mm(L) × 300mm(W) × 44mm(H)	440mm(L) × 300mm(W) × 44mm(H)	440mm(L) × 300mm(W) × 44mm(H)
List Price	\$145	\$245	\$185	\$275	\$335	\$545	\$725