

GWN7800 Pro Series vs GWN7800 Series Master Comparison Chart

	 GWN7801P Pro	 GWN7801P	 GWN7802P Pro	 GWN7802P	 GWN7803 Pro	 GWN7803	 GWN7803PL Pro	 GWN7803PH Pro	 GWN7803P	 GWN7806PL Pro	 GWN7806PH Pro	 GWN7806P
Gigabit RJ45 Ethernet Ports	8	8	16	16	24	24	24	24	24	48	48	48
Gigabit SFP/SFP+ Ports	2x 2.5G SFP ports	2x 1G SFP ports	2x SFP+ ports	4x 1G SFP ports	2x SFP+ ports	4x 1G SFP ports	2x SFP+ ports	2x SFP+ ports	4x 1G SFP ports	6x SFP+ ports	6x SFP+ ports	6x SFP+ ports
Serial Console Port	1	1	1	1	1	1	1	1	1	1	1	1
Number of PoE Ports	8	8	16	16	-	-	24	24	24	48	48	48
Layer Tier	L2++ with static routing; IPv4/IPv6 unicast	L2+ with static routing; IPv4/IPv6 unicast	L2++ with static routing; IPv4/IPv6 unicast	L2+ with static routing; IPv4/IPv6 unicast	L2++ with static routing; IPv4/IPv6 unicast	L2+ with static routing; IPv4/IPv6 unicast	L2++ with static routing; IPv4/IPv6 unicast	L2++ with static routing; IPv4/IPv6 unicast	L2+ with static routing; IPv4/IPv6 unicast	L2++ with static routing; IPv4/IPv6 unicast	L2++ with static routing; IPv4/IPv6 unicast	L2+ with static routing; IPv4/IPv6 unicast
Integrated Power Supply	145.5W	150W	294.4W	270W	21.4W	30W	299.2W	471.4W	400W	509.3W	870.9W	470W
Max Output Power Per PoE Port	30W	30W	60W	30W	-	-	30W	60W	30W	30W	60W	30W
Max Total PoE Output Power	120W	120W	250W	240W	-	-	250W	400W	360W	400W	800W	400W
PoE Standard	IEEE 802.3af/at	IEEE 802.3af/at	IEEE 802.3af/at/bt	IEEE 802.3af/at	-	-	IEEE 802.3af/at	IEEE 802.3af/at/bt	IEEE 802.3af/at	IEEE 802.3af/at	IEEE 802.3af/at/bt	IEEE 802.3af/at
Auxillary Ports	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole	1x reset pinhole
Total Non-Blocking Throughput	13 Gbps	10 Gbps	36 Gbps	20 Gbps	44 Gbps	28 Gbps	44 Gbps	44 Gbps	28 Gbps	108 Gbps	108 Gbps	108 Gbps
Switching Capability	26 Gbps	20 Gbps	72 Gbps	40 Gbps	88 Gbps	56 Gbps	88 Gbps	88 Gbps	56 Gbps	216 Gbps	216 Gbps	216 Gbps
Forwarding Rate	19.344 Mpps	14.88 Mpps	53.568 Mpps	29.76 Mpps	65.472 Mpps	41.66 Mpps	65.472 Mpps	65.472 Mpps	41.66 Mpps	160.704 Mpps	160.704 Mpps	160.704 Mpps
Packet Buffer	8.4 Mb	4.1 Mb	8.4 Mb	4.1 Mb	8.4 Mb	4.1 Mb	8.4 Mb	8.4 Mb	4.1 Mb	8.4 Mb	8.4 Mb	16 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	8K MAC addresses, including static, dynamic, filtering and sticky MAC address, 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, MAC-based VLAN, protocol-based VLAN, QinQ, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, 16 VLAN virtual interface with 9216 MTU GVRP(pending), ERPS(pending)	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	8K MAC addresses, including static, dynamic, filtering and sticky MAC address, 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, MAC-based VLAN, protocol-based VLAN, QinQ, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, 16 VLAN virtual interface with 9216 MTU GVRP(pending), ERPS(pending)	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	8K MAC addresses, including static, dynamic, filtering and sticky MAC address, 4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, MAC-based VLAN, protocol-based VLAN, QinQ, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, 16 VLAN virtual interface with 9216 MTU GVRP(pending), ERPS(pending)	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, MAC-based VLAN, protocol-based VLAN, QinQ, Voice VLAN including auto voice VLAN, tagged OUI and untagged OUI, 16 VLAN virtual interface with 9216 MTU GVRP(pending), ERPS(pending)	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	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, 32 VLAN virtual interface with 9216 MTU GVRP(pending), ERPS(pending)
QoS/ACL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fan	-	-	2 Fans	2 Fans	-	-	2 Fans	3 Fans	2 Fans	4 Fans	4 Fans	3 Fans
Stacking	No	No	No	No	No	No	No	No	No	Yes	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-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, Wall-mount or Rack-mount (rack-mount brackets included)	Desktop, or Rack-Mount (rack-mounting kits included)	Desktop, or Rack-Mount (rack-mounting kits included)	Desktop and Rack mount (rack-mounting kits included)
Dimensions	330mm(L) x 175mm(W) x 44mm(H)	330mm(L) x 175mm(W) x 44mm(H)	440mm(L) x 200mm(W) x 44mm(H)	440mm(L) x 200mm(W) x 44mm(H)	440mm(L) x 200mm(W) x 44mm(H)	440mm(L) x 200mm(W) x 44mm(H)	440mm(L) x 200mm(W) x 44mm(H)	440mm(L) x 300mm(W) x 44mm(H)	440mm(L) x 200mm(W) x 44mm(H)	440mm(L) x 300mm(W) x 44mm(H)	440mm(L) x 300mm(W) x 44mm(H)	440mm(L) x 301mm(W) x 44mm(H)
List Price	\$145	\$149	\$245	\$269	\$185	\$209	\$275	\$335	\$349	\$545	\$725	\$649