

Brand	Araknis Networks	Pakedge	Luxul	Cisco Systems	Netgear
<b>Model</b>	AN-310-SW-R-8-POE	SE-8P	XMS-1010P	SG300-10MPP	GS510TP
<b>Interface</b>					
10/100/1000Base RJ-45 Ports	8	8	8	10	8
Dedicated SFP Ports (Not Combo)	2	0	2 RJ45 Fixed	0(2 Combo Ports)	2
<b>Performance</b>					
MAC Address Table Size	8K	8K	8K	8K	4K
Switching Capacity	20Gbps	16Gbps	20Gbps	20Gbps	20Gbps
Forwarding Rate	14.8Mpps	11.9Mpps	14.8Mpps	14.88Mpps	14.88Mpps
<b>PoE Features</b>					
802.3af/at Compliant	Yes	Yes	Yes	Yes	Yes
Max Power Output per Port	30W	30W	30W	30W	30W
PoE Power Budget	130W	136W	130W	124W	130W
Max Concurrent PoE Ports (15W)	8	8	8	8	8
Max Concurrent PoE+ Ports (30W)	4	4	4	4	4
<b>L2 Features</b>					
<b>Flow Control</b>	802.3x, Back Pressure	Yes	Yes	Yes	Yes
<b>Spanning Tree</b>	802.1D (STP)/802.1w (RSTP)	Yes	-	Yes	Yes
	802.1s (MSTP)	Yes	-	Yes	Yes
<b>VLAN</b>	802.1Q	Yes	-	Yes	Yes
<b>Link Aggregation</b>	Static, 802.3ad LACP	Yes	-	Yes	Yes
	Maximum Ports per Group	8	-	8	8
	Max Group	8	-	8	4
<b>Multicast</b>	IGMP Snooping v1/v2/v3	Yes	-	Yes	Yes
<b>Jumbo Frame Support</b>	9K	9K	9K	9K	9K
<b>QoS Features</b>					
Number of priority queues	8 queues/port	-	4 queues/port	4 queues/port	4 queues/port
DiffServ (RFC2474)	Yes	-	Yes	Yes	Yes
<b>Scheduling</b>	WRR, Strict Priority	Yes	-	Yes	Yes
<b>Miscellaneous</b>					
Dealer Cost	\$249.95	\$260.00	\$224.95	\$239.00	\$238.00
Available on Internet	No	No	No	Yes	Yes
Warranty	2 Years	3 Years	3 Years	Limited Lifetime Warranty	Lifetime*
Ordering Ease	Yes	Yes	Yes	Yes	Yes
Same Day Shipping	Yes	Yes	Yes	Yes	Yes
Limited to CI Dealers	Yes	Yes	No	No	No
Cloud Management	Yes	Yes	No	No	No