

Brand	Araknis Networks		Pakedge	Cisco Systems	Netgear
Model	AN-300-SW-F-8		S8Mpd	SG200-08	GS108Tv2
Interface					
10/100/1000Base RJ-45 Ports	8		8	8	8
Dedicated SFP Ports (Not Combo)	2		0 (1 Combo Port)	0	0
Performance					
Packet Buffer	512KB		1.5MB	512KB	128KB
MAC Address Table Size	8K		8K	8K	4K
Switching Capacity	20Gbps		16Gbps	13.6Gbps	16Gbps
Forwarding Rate	14.8Mpps		11.8Mpps	11.9Mpps	11.8Mpps
L2 Features					
Flow Control	802.3x, Back Pressure	Yes	Yes	Yes	Yes
Spanning Tree	802.1D (STP)/802.1w (RSTP)	Yes	Yes	Yes	Yes
	802.1s (MSTP)	Yes	Yes	Yes	Yes
VLAN	802.1Q	Yes	Yes	Yes	Yes
	VLAN Group	4K	1K	16	64
Link Aggregation	Static, 802.3ad LACP	Yes	Yes	Yes	Yes
	Maximum Ports per Group	16	8	8	N/A
	Max Group	13	8	4	N/A
Multicast	IGMP Snooping v1/v2/v3	Yes	Yes	Yes	Yes
	Maximum Multicast Group Address	8K	1K	256	N/A
Jumbo Frame Support	9K		9K	9K	9K
QoS Features					
Number of priority queues	8 queues/port		4 queues/port	4 queues/port	N/A
DiffServ (RFC2474)	Yes		Yes	Yes	Yes
Scheduling	WRR, Strict, Hybrid	Yes	Yes	Yes	Yes
Miscellaneous					
Dealer Cost	129.95		195	99.99	108.48
Available on Internet	No		No	Yes	Yes
Warranty	2 Years		1 Year	1 Year free tech support	Lifetime (2-year on power supply)
Ordering Ease	Yes		Yes	Yes	Yes
Same Day Shipping	Yes		Yes	Yes	Yes
Limited to CI Dealers	Yes		Yes	No	No
Cloud Management	Yes		Yes	No	No