

Brand	Araknis Networks		Cisco Systems	Netgear
Model	AN-300-SW-F-16		SG200-18	GS716Tv2
Interface				
10/100/1000Base RJ-45 Ports	16		16	16
Dedicated SFP Ports (Not Combo)	2		2	2
Performance				
Packet Buffer	512KB		512KB	512KB
MAC Address Table Size	8K		8K	8K
Switching Capacity	36Gbps		36Gbps	32Gbps
Forwarding Rate	26.7Mpps		26.7Mpps	23.7Mpps
L2 Features				
Flow Control	802.3x, Back Pressure	Yes	Yes	Yes
Spanning Tree	802.1D (STP)/802.1w (RSTP)	Yes	Yes	Yes
	802.1s (MSTP)	Yes	Yes	Yes
VLAN	802.1Q	Yes	Yes	Yes
	VLAN Group	4K	256	128
Link Aggregation	Static, 802.3ad LACP	Yes	Yes	Yes
	Maximum Ports per Group	16	8	N/A
	Max Group	13	4	N/A
Multicast	IGMP Snooping v1/v2/v3	Yes	Yes	Yes
	Maximum Multicast Group Address	8K	256	N/A
Jumbo Frame Support	9K		10K	9K
QoS Features				
Number of priority queues	8 queues/port		4 queues/port	N/A
DiffServ (RFC2474)	Yes		Yes	Yes
Scheduling	WRR, Strict, Hybrid	Yes	Yes	Yes
Miscellaneous				
Dealer Cost	\$174.95		\$228.99	\$183.99
Available on Internet	No		Yes	Yes
Warranty	2 Years		1 Year free tech support	Lifetime (2-year on power supply)
Ordering Ease	Yes		Yes	Yes
Same Day Shipping	Yes		Yes	Yes
Limited to CI Dealers	Yes		No	No
Cloud Management	Yes		No	No