

Brand		Araknis	Cisco Systems	Netgear	Dell	HPE
Model		AN-320-SW-F-24-POE	SG300-28MP	GS728TPP	X1018P	1920-24G-POE+
Interface						
10/100/1000Base RJ-45 Ports		24	26	24	24	24
Dedicated SFP Ports (Not Combo)		2	2 Combo	4	2	4
Performance						
MAC Address Table Size		8K	8K	8K	16K	8K
Switching Capacity		52Gbps	56Gbps	56Gbps	52Gbps	56Gbps
Forwarding Rate		38.7Mpps	41.6Mpps	41.7Mpps	38.7Mpps	41.7Mpps
PoE Features						
802.3af/at Compliant		Yes	Yes	Yes	Yes	Yes
Max Power Output per Port		30W	30W	30W	30W	30W
PoE Power Budget		375W	375W	384W	369W	375W
Max Concurrent PoE Ports (15W)		24	24	24	24	24
Max Concurrent PoE+ Ports (30W)		12	12	12	12	12
L2 Features						
Flow Control	802.3x, Back Pressure	Yes	Yes	Yes	Yes	Yes
Spanning Tree	802.1D (STP)/802.1w (RSTP)	Yes	Yes	Yes	Yes	Yes
	802.1s (MSTP)	Yes	Yes	Yes	Yes	Yes
VLAN	802.1Q	Yes	Yes	Yes	Yes	Yes
Link Aggregation	Static, 802.3ad LACP	Yes	Yes	Yes	Yes	Yes
	Maximum Ports per Group	8	8	8	4	8
	Max Group	8	8	8	12	8
Multicast	IGMP Snooping v1/v2/v3	Yes	Yes	Yes	Yes	Yes
Jumbo Frame Support		9K	9K	9K	9K	10K
QoS Features						
Number of priority queues		8 queues/port	4 queues/port	4 queues/port	4 queues/port	8 queues/port
DiffServ (RFC2474)		Yes	Yes	Yes	Yes	Yes
Scheduling	WRR, Strict Priority	Yes	Yes	Yes	Yes	Yes
Miscellaneous						
Available on Internet		No	Yes	Yes	Yes	Yes
Warranty		2 Years	Limited Lifetime	Lifetime*	Limited Lifetime	Limited Lifetime
Ordering Ease		Yes	Yes	Yes	Yes	Yes
Same Day Shipping		Yes	Yes	Yes	Yes	Yes
Limited to CI Dealers		Yes	No	No	No	No
Cloud Management		Yes	No	No	No	No

*Conditions Apply