

Brand		Araknis Networks	Cisco Systems	Netgear	HPE
Model		AN-210-SW-F-48-POE	SG200-50FP	GS752TP	1820-48G-POE+
Interface					
10/100/1000Base RJ-45 Ports		48	48	48	48
Dedicated SFP Ports (Not Combo)		4	2 Combo	4	4
Performance					
MAC Address Table Size		8K	8K	8K	16K
Switching Capacity		104Gbps	100Gbps	104Gbps	104Gbps
Forwarding Rate		77.4Mpps	74.41Mpps	77.4Mpps	77.4Mpps
PoE Features					
802.3af/at Compliant		Yes	Yes	Yes	Yes
Max Power Output per Port		30W	30W	30W	30W
PoE Power Budget		375W	375W	384W	370W
Max Concurrent PoE Ports (15W)		24	24	24	24
Max Concurrent PoE+ Ports (30W)		12	12	12	12
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
	Link Aggregation	Static, 802.3ad LACP	Yes	Yes	Yes
	Maximum Ports per Group	8	8	8	4
	Max Group	8	4	8	8
Multicast	IGMP Snooping v1/v2/v3	Yes	v1/v2 only	Yes	Yes
	Jumbo Frame Support	9K	9K	9K	9K
QoS Features					
Number of priority queues		8 queues/port	4 queues/port	4 queues/port	8 queues/port
DiffServ (RFC2474)		Yes	Yes	Yes	Yes
Scheduling	WRR, Strict Priority	Yes	Yes	Yes	Yes
Miscellaneous					
Dealer Cost		\$649.95	\$825.00	\$560.00	\$489.00
Available on Internet		No	Yes	Yes	Yes
Warranty		2 Years	Limited Lifetime	Lifetime*	Lifetime*
Ordering Ease		Yes	Yes	Yes	Yes
Same Day Shipping		Yes	Yes	Yes	Yes
Limited to CI Dealers		Yes	No	No	No
Cloud Management		Yes	No	No	No