

Araknis Switch Family Comparison



	Araknis	Araknis	Araknis	Araknis	Araknis
	AN-220	AN-320	AN-420	AN-620	AN-920
Port Options	8, 16, 24, 44, 48	8, 16, 24, 48	16, 24, 44, 48	8,24	12,24
Configuration	Rear, Front	Rear, Front	Rear, Front	Rear	Front
Port Speed (RJ45)	1G	1G	2.5G/1G	2.5G	10G
SFP	1G (SFP)	1G (SFP)	10G (SFP+)	10G (SFP+)	100G (QSFP28 Module*)
Full Switching Capacity (Backplane)*	✓	✓	✓	✓	✓
Max PoE Per Port	30W	30W	30W	PoE++ (60W)	PoE++ (90W)
Simultaneous PoE Budget (PP)	~7.5W	~15W	~15W	~30W	Modular
Power Redundancy	-	-	-	-	✓
OvrC Enabled	✓	✓	✓	✓	✓
OSI Layer	Layer2+	Layer2+	Layer 3 Lite	Layer 3 Lite	Layer 3
VLANs	✓	✓	✓	✓	✓
QoS	✓	✓	✓	✓	✓
Advanced QoS (IPv6, Min Bandwidth, Port-based rate limit)	-	-	-	-	✓
Link Aggregation	✓	✓	✓	✓	✓
Multicast Support (IGMP)	✓	✓	✓	✓	✓
Spanning Tree	✓	✓	✓	✓	✓
CLI	✓	✓	✓	✓	✓
Telnet	✓	✓	✓	✓	✓
Access Control Lists	✓	✓	✓	✓	✓
Static Routing	-	-	✓	✓	✓
Multicast Routing	-	-	-	-	✓
Management Port	-	-	-	-	✓

*Ability to provide full duplex bandwidth to all ports simultaneously