

Araknis Switch Comparison

	110 SERIES Unmanaged with Cloud Control						
Part Number Front Port	-	AN-110-SW-F-8	AN-110-SW-F-16	AN-110-SW-F-24	AN-110-SW-C-5P	AN-110-SW-C-8P	AN-110-SW-C-16P
Part Number Rear Port	AN-110-SW-C-5	AN-110-SW-R-8	AN-110-SW-R-16	AN-110-SW-R-24	-	-	-
1G Ports	5	8	16	24	5	8	16
SFP Uplinks Ports	-	-	-	-	-	-	-
SFP Uplinks Speed	-	-	-	-	-	-	-
Power Supply Type	External Power Supply	Internal Power Supply	Internal Power Supply	Internal Power Supply	PoE+ Powered (30W) – external power supply optional	PoE+ Powered (30W) – external power supply optional	PoE+ Powered (30W) – external power supply optional
PoE Type	-	-	-	-	PoE (15W) pass-through	PoE (15W) pass-through	PoE (15W) pass-through
Power Budget for All Ports	-	-	-	-	-	-	-
Switch Capacity	10Gbps	16Gbps	32Gbps	48Gbps	10Gbps	16Gbps	32Gbps
Management	Unmanaged+	Unmanaged+	Unmanaged+	Unmanaged+	Unmanaged+	Unmanaged+	Unmanaged+
Cloud-Managed	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)
Ventilation	Passive (no fan)	Passive (no fan)	Passive (no fan)	Passive (no fan)	Passive (no fan)	Passive (no fan)	Passive (no fan)
Mounting	Multi-mount	Multi-mount	Multi-mount	Multi-mount	Multi-mount	Multi-mount	Multi-mount
VLANs	-	-	-	-	-	-	-
QoS	-	-	-	-	-	-	-
Link Aggregation	-	-	-	-	-	-	-
Multicast Support	-	-	-	-	-	-	-
Storm Control	-	-	-	-	-	-	-
Jumbo Frame	-	-	-	-	-	-	-
Spanning Tree	-	-	-	-	-	-	-
CLI	-	-	-	-	-	-	-
Telnet	-	-	-	-	-	-	-
MAC Table	-	-	-	-	-	-	-
Access Control List	-	-	-	-	-	-	-
Private VLANs	-	-	-	-	-	-	-
Compact Design	✔	✔	✔	✔	✔	✔	✔

Araknis Switch Comparison

	220 SERIES Layer 2 with Partial PoE					320 SERIES Layer 2 Managed with Full PoE						
Part Number Front Port	AN-220-SW-F-8-POE	AN-220-SW-F-16-POE	AN-220-SW-F-24-POE	-	AN-220-SW-F-48-POE	AN-320-SW-F-8	AN-320-SW-F-8-POE	AN-320-SW-F-16	AN-320-SW-F-16-POE	AN-320-SW-F-24	AN-320-SW-F-24-POE	AN-320-SW-F-48
Part Number Rear Port	AN-220-SW-R-8-POE	AN-220-SW-R-16-POE	AN-220-SW-R-24-POE	AN-220-SW-R-44-POE	-	AN-320-SW-R-8	AN-320-SW-R-8-POE	AN-320-SW-R-16	AN-320-SW-R-16-POE	AN-320-SW-R-24	AN-320-SW-R-24-POE	-
1G Ports	8	16	24	44	48	8	8	16	16	24	24	48
SFP Uplinks Ports	2	2	2	4	4	2	2	2	2	2	2	4
SFP Uplinks Speed	1G	1G	1G	1G	1G	1G	1G	1G	1G	1G	1G	1G
PoE Type	802.3at (30W)	802.3at (30W)	802.3at (30W)	802.3at (30W)	802.3at (30W)	-	802.3at (30W)	-	802.3at (30W)	-	802.3at (30W)	-
Power Budget for All Ports	65W	130W	190W	375W	380W	-	130W	-	250W	-	375W	-
Switch Capacity	20Gbps	36Gbps	52Gbps	86Gbps	104Gbps	20Gbps	20Gbps	36Gbps	36Gbps	52Gbps	52Gbps	104Gbps
Management	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2
Cloud-Managed	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)
Ventilation	Passive (no fan)	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan
Mounting	Multi-mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Multi-mount	Multi-mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount
VLANs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QoS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Link Aggregation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multicast Support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Storm Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jumbo Frame	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spanning Tree	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CLI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Telnet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAC Table	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Access Control List	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Private VLANs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Compact Design	✓	-	-	-	-	✓	✓	-	-	-	-	-

Araknis Switch Comparison

	420 SERIES Layer 3 Lite Managed with Full PoE+				620 SERIES Full Layer 3 with Full PoE++		920 SERIES Full Layer 3 with Full PoE++	
Part Number Front Port	AN-420-SW-F-16-POE	AN-420-SW-F-24-POE	-	AN-420-SW-F-48-POE	-	-	AN-920-SW-F-12-POE	AN-920-SW-F-24-POE
Part Number Rear Port	AN-420-SW-R-16-POE	AN-420-SW-R-24-POE	AN-420-SW-R-44-POE	-	AN-620-SW-R-8-POE	AN-620-SW-R-24-POE	-	-
1G Ports	12	16	28	32	-	-	-	-
2.5G Ports	4	8	16	16	8	24	-	-
10G Ports	-	-	-	-	-	-	12	24
SFP Uplinks Ports	4	4	4	4	2	2	Modular	Modular
SFP Uplinks Speed	10G	10G	10G	10G	10G	10G	Optional Up to 100G	Optional Up to 100G
PoE Type	802.3at (30W)	802.3at (30W)	802.3at (30W)	802.3at (30W)	802.3bt (60W)	802.3bt (60W)	802.3bt (90W)	802.3bt (90W)
Power Budget for All Ports	250W	410W	740W	740W	240W (4 Ports@60W)	240W (4 Ports@60W)	727.5W - 1647.5W with modular power supply	771.5W - 1691.5W with modular power supply
Switch Capacity	124Gbps	152Gbps	208Gbps	224Gbps	80Gbps	160Gbps	440Gbps	880Gbps
Management	Layer 3 Lite	Layer 3 Lite	Layer 3 Lite	Layer 3 Lite	Layer 3 Lite	Layer 3 Lite	Layer 3	Layer 3
Cloud-Managed	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)	Yes (OvrC)
Ventilation	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan	Variable Fan
Mounting	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount
VLANs	✔	✔	✔	✔	✔	✔	✔	✔
QoS	✔	✔	✔	✔	✔	✔	✔	✔
Link Aggregation	✔	✔	✔	✔	✔	✔	✔	✔
Multicast Support	✔	✔	✔	✔	✔	✔	✔	✔
Storm Control	✔	✔	✔	✔	✔	✔	✔	✔
Jumbo Frame	✔	✔	✔	✔	✔	✔	✔	✔
Spanning Tree	✔	✔	✔	✔	✔	✔	✔	✔
CLI	✔	✔	✔	✔	✔	✔	✔	✔
Telnet	✔	✔	✔	✔	✔	✔	✔	✔
MAC Table	✔	✔	✔	✔	✔	✔	✔	✔
Access Control List	✔	✔	✔	✔	✔	✔	✔	✔
Private VLANs	✔	✔	✔	✔	✔	✔	✔	✔