

# Summit® Comparison Chart

FEATURES	Summit X150	Summit X350	Summit X250e	Summit X450e	Summit X450a	Summit48si
Max Auto-Negotiating 10/100BASE-TX Ports	24 or 48	—	24 (SFP available) or 48	—	—	48
Max Auto-Negotiating 10/100/1000BASE-T Ports	2	24 or 48	2	24 or 48 (both with PoE)	24 or 48	0
Max Gigabit Ethernet Ports (GBIC or Mini-GBIC)	2	4	2	4	4	2
Max 10 Gigabit Ethernet Ports	—	2	—	2	2	—
Form Factor/Footprint	Fixed/1RU	Fixed/1RU	Fixed/1RU	Fixed/1RU	Fixed/1RU	Fixed/1RU
Stacking Support	No	No	Yes, SummitStack	Yes, SummitStack	Yes, SummitStack	No
Total Switching Capacity	8.8-13.6 Gbps	88-176 Gbps	48.8-97.6 Gbps	128-256 Gbps	128-256 Gbps	17.5 Gbps
Programmable ASICs	No	No	No	No	No	No
Redundant Power	Yes/External	Yes/External	Yes/External	Yes/External	Yes/External	Yes
Power over Ethernet (802.3af)	Summit X150-24p	No	Yes	Yes	No	No
Wire-Speed Layer 2/Layer 3 Switching	Yes	Yes	Yes	Yes	Yes	Yes
Routing - IPv4	No	No	OSPF, RIP v1/v2, PIM	OSPF, RIP v1/v2, PIM	BGP4, OSPF, RIP v1/v2, PIM, MSDP	BGP4, DVMRP, OSPF, RIP v1/v2, PIM
Routing - IPv6	No	No	RIPng	RIPng	RIPng, OSPFv3	—
Policy-Based Routing/Switching	Yes/Policy-Based Switching	Yes/Policy-Based Switching	Yes	Yes	Yes	Yes
Policy-Based Quality of Service (QoS)	Yes	Yes	Yes	Yes	Yes	Yes
Network Login	Yes	Yes	Yes	Yes	Yes	Yes
Access Control Lists	Yes	Yes	Yes	Yes	Yes	Yes
Universal Port	No	No	Yes	Yes	Yes	No
CLI Scripting	Yes	Yes	Yes	Yes	Yes	No
Layer 3 Virtual Switching	No	No	No	No	No	No
vMANs (802.1ad)	Yes	Yes	Yes	Yes	Yes	Yes
MAC-in-MAC (802.1ah)	No	No	No	No	No	No
CLEAR-Flow	No	No	No	No	Yes (in non-Summit-Stack configuration)	No
sFlow	Yes	Yes	Yes	Yes	Yes	Yes
EAPS	Yes	Yes	Yes	Yes	Yes	Yes
Advanced Spanning Tree (802.1w, 802.1s, PVST+)	Yes	Yes	Yes	Yes	Yes	Yes
Link Aggregation	Yes	Yes	Yes	Yes	Yes	Yes
Integrated Server Load Balancing	No	No	No	No	No	Yes
802.11 WLAN (802.11a/b/g)	No	No	No	No	No	No
AES, WPA/TKIP, WEP	No	No	No	No	No	No
Switch Management Capabilities	SNMP, Web, CLI, 4 RMON groups	SNMP, Web, CLI, 4 RMON groups	SNMP, Web, CLI, 4 RMON groups	SNMP, Web, CLI, 4 RMON groups	SNMP, Web, CLI, 4 RMON groups	SNMP, Web, CLI, 4 RMON groups
License - Upgrades	—	—	Adv. Edge	Adv. Edge	Core	FL3
License - Default	L2-Edge	L2 Edge	Edge	Edge	Adv. Edge	BL3

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