















	SMC6128L2 SMC6152L2	SMC6128PL2	SMC8708L2	SMC8728L2 SMC8748L2	SMC8724ML3 SMC8748ML3	SMC8824M SMC8848M	SMC8612XL3
							
19" rackmountable, brackets included	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Stackable	-/-	-	-	-/-	✓/✓	✓/✓	-
<b>PORTS/ MODULE SLOTS</b>							
10 Gbps	-/-	-	8	(2)/(2)	(1)/(1)	(2)/(2)	-
Gigabit Combo Ports (RJ-45/ SFP)	4/4	4	-	-/4	4/4	4/4	4
1000BASE-SX (SC)	-/-	-	-	-/-	-/-	-/-	-
1000BASE-T (RJ-45)	4-4	4	-	24/44	20/44	20/44	-
100BASE-FX (SC)	-/-	-	-	-/-	-/-	-/-	-
Auto-MDIX on RJ-45 ports	✓/✓	✓	-	✓/✓	✓/✓	✓/✓	-
Power over Ethernet	-/-	✓	-	-/-	-/-	-/-	-
No. of slots for slide-in modules	-/-	-	-	-/-	1/1	1/1	-
No. of slots for SFP'S	4/6	4	-	4/-	4/4	4/4	12
<b>PERFORMANCE</b>							
MAC Address	8/8	8	8	16/16	16/16	8/8	16
Table Size (K)	512/512	512	-	-/-	-	-	-
Packet Buffer Size (MB)	0.75/0.75	0.75	8	1.5/2	2/2	.75/1.5	1
Switch Fabric (Gbps)	12.8/17.6	12.8	160	96/136	108/156	128/176	24
Throughput (Mpps)	9.5/13	9.5	120	71/101	80/115	95/131	17.86
<b>LAYER2 FEATURES</b>							
Link Aggregation, 802.3ad	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
No. of VLANs, 802.1q	✓/✓	✓	256	256/256	256/256	256/256	256
VLAN Tagging, 802.1ac	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Protocol-based VLANs, 802.1v	✓/✓	✓	✓	-/-	✓/✓	✓/✓	✓
GVRP	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Spanning Tree, 802.1d	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Rapid Spanning Tree, 802.1w	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Multiple Spanning Tree, 802.1s	-/-	-	✓	-/-	✓/✓	✓/✓	✓
Broadcast Storm Control	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Full Duplex Flow Control (802.3x)	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
IGMP Snooping	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Jumbo Frames 9K	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
HOL Blocking Prevention	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓

	SMC6128L2 SMC6152L2	SMC6128PL2	SMC8708L2	SMC8728L2 SMC8748L2	SMC8724ML3 SMC8748ML3	SMC8824M SMC8848M	SMC8612XL3
							
LAYER3 FEATURES							
Static Route	-/-	-	-	-/-	✓/✓	✓/✓	✓
RIP, RIP2	-/-	-	-	-/-	✓/✓	✓/✓	✓
OSPF	-/-	-	-	-/-	✓/✓	-/-	✓
DVMRP	-/-	-	-	-/-	✓/✓	-/-	✓
PIM-DM	-/-	-	-	-/-	✓/✓	-/-	✓
PIM-SM	-/-	-	-	-/-	✓/✓	-/-	✓
VRRP	-/-	-	-	-/-	✓/✓	-/-	✓
QUALITY OF SERVICE							
Rate Limiting (Ingress/ Egress)	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
WRR (Weighted Round Robin)	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Strict Priority	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
802.1p Priority queues	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
IP precedence-based	-/-	-	✓	✓/✓	✓/✓	✓/✓	✓
DSCP-based	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
TCP/UDP Port-based	-/-	-	✓	✓/✓	✓/✓	✓/✓	✓
MANAGEMENT							
Cisco-like CLI	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Web Management	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Telnet	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Port Mirroring	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Remote Ping	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
SNTP	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Dual Firmware Images	✓/✓	-	✓	✓/✓	✓/✓	✓/✓	✓
Configuration Download/Upload	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
SNMP	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
RMON (Groups, 1, 2, 3, 9)	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
DHCP	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Event/ Error Log	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
DNS	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
LLOP	✓/✓	✓	-	-/-	-/-	-/-	-
SECURITY							
Static port security	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
IEEE802.1x	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
ACL (Access Control Lists)	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
RADIUS Authentication	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
TACACS+ Authentication	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
HTTPS and SSL (Secured Web)	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
Username/Password Authentication	✓/✓	✓	✓	✓/✓	✓/✓	✓/✓	✓
REDUNDANCY							
RPU Support	-/-	-	✓	✓/✓	✓/✓	✓/✓	✓