Layer 3 Ethernet Switch Family

SUPERMICRO®

**SSE-G24-TG4
(24 Ports)**

**SSE-G48-TG4
(48 Ports)**

Model	SSE-G24-TG4 (24 Ports) and SSE-G48-TG4 (48 Ports)	

Port Attributes	• 24 or 48 one Gigabit Ethernet links
	  - 24 or 48 RJ45 Copper ports
	  - Four fiber SFP combo ports
	• Out-of-band RS-232 Management port
		• Up to four high-speed ports
		  - Two or four 10-Gigabit Ethernet uplinks
		  - Up to two stacking ports

Performance	• Switching Capacity: 136 Gbps (24 port) 184 Gbps (48 port)	• Stacking performance - up to 48 Gbps
Availability	• Spanning Tree (802.1D) • Rapid Spanning Tree (802.1w)	• Multiple Spanning Trees (802.1s) • Virtual Redundant Routing Protocol (VRRP)
VLAN	• 802.1Q tagging, port and protocol based • 1024 VLANs	• Dynamic VLAN Support (GVRP)
Quality of Service and DiffServ	• 8 priority queues per port • Adjusted WRR and Strict Priority Scheduling • Layer 2, 3, 4 Prioritization	• Marking • Metering / Rate limiting
Switching Features	• Link Aggregation - 24 groups with 8 members per group • LACP Support • Link Layer Discovery Protocol (802.1AB)	• Jumbo Frame Support • Port Mirroring – N to 1. Tx & Rx Configurable
Routing Features	• Static Routing, RIP v1/v2, RIPng, OSPF v1/v2/v3 and BGP • IPv4 and IPv6 Routing	• VRRP (Virtual Router Redundancy Protocol) • DVMRP (Distance Vector Multicast Routing Protocol)
Multicast	• IGMP Snooping v1, v2, v3 • IGMP v1, v2, v3	• PIM SM, PIM DM • PIM SMv6
Security	• 802.1x Port Based Authentication • Switch access password protection • Layer 2, 3, 4 Access Control Lists	• RADIUS and TACACS+ Authentication • SSH, SSL Encryption

Management	• Web-based management interface – HTTP, HTTPS
	• Industry standard CLI with telnet, SSH or local management port
	  - Scripting capability
	  - Command completion
	  - Context sensitive "Help"
		• Multiple levels of user privilege (CLI and Web UI)
		• SNMP v1, v2, v3
		• Four RMON Groups - (1, 2, 3 and 9)
		• Logging – syslog
		• Dual firmware images
		• Configuration file - upload / download

Options (order at least one, maximum two)	• Two-port CX4 Connector Module for copper connections AOM-SSE-X2C	• Two-port XFP Connector Module for Fiber connections AOM-SSE-X2F
Dimensions	• 17.3"W x 15.2"D x 1.7"H (440mmW x 386mmD x 43mmH)	
Weight	• 24 port: 12.6 lbs/ 5.70 kg (w/ modules); 12.2 lbs/5.54 kg (w/o modules) • 48 port: 13.7 lbs/ 6.20 kg (w/ modules); 13.4 lbs/ 6.06 kg (w/o modules)	
Operating Temperature	• 0 to 50° C	

www.supermicro.com