



# 10G Core Chassis SG8800

## Product Specifications

Physical Specification	Description		
<b>Performance</b>	• Switching Capacity: 2 Tbps	• Throughput: 1047 Mpps	
<b>Hardware</b>	• Flash Memory: 64 MB(internal)	• DRAM: 2 GB	
<b>Slots</b>	• 12 slots		
<b>Interface</b>	• 256-Port 10G ports	• 384-Port 10/100/1000Base-T	• 384-Port 1000Base-X (SFP)
	• 1-Port Console (RJ-45 Connector)	• 1-Port 10/100Base-TX Management	
<b>Power</b>	• Input: AC 100~240VAC, 50/60Hz	• Power Consumption: Variable W	• Redundant Power Support
<b>Environmental</b>	• Operating Temperature: 0~45°C		
	• Operating Humidity: 0~85% (Non-Condensing)		
<b>Mechanical</b>	• Dimension : 444(W) x 711(H) x 465(D)mm		
Features	Description		
<b>VLAN</b>	• 4K VLAN ID	• 802.1q Port based VLAN	• GVRP
	• Private VLAN	• Voice VLAN	• 802.1ad VLAN Stacking (QinQ)
	• Protocol/IP Subnet/MAC based VLAN		
<b>Resiliency</b>	• 802.1d/w/s(STP, RSTP, MSTP)	• PVSTP+	• 802.3ad LACP
	• Ring Protocol	• Loop Protection	• UDLD
<b>Hot Swap</b>	• Interface Module	• Fabric Module	• Management Module
	• Power Supply	• FAN	
<b>QoS</b>	• 8 queue per port	• Rate Limit (Ingress/Egress)	• Diffserv
	• 802.1P/DSCP/TOS	• SP/WRR/SP+WRR	• Marking/Remarking
<b>L3 Feature</b>	• IPv4/IPv6 Static Routing	• RIPv1/v2, OSPF, ISIS, BGP	• RIPng, OSPFv3, ISISv6, BGP4+
	• ECMP	• VRRP	• BFD
	• Hardware-based IPv4/v6 Support	• Policy Routing	• MBGP
	• IPv4/IPv6 Dual Stack		
<b>Redundancy</b>	• Active-Active Function	• Management Module	• Switching Fabric
	• Power Supply		
<b>Security</b>	• 802.1x		
	- Multiuser	- MAC Bypass	- Guest VLAN
	- VLAN assignment		
	• CPU Rate Limiting	• DoS Protection	• Malicious traffic detect & block
	• Reverse Path Forwarding	• RADIUS/TACACS+	
	• ACL		
	- L2/L3/L4 ACL	- Time Base ACL	- Ingress/Egress ACL
	- VLAN ACL		
• DHCP Snooping	• Dynamic ARP Inspection	• Storm Control	
• Port Security	• IP Source Guard	• GRE Tunnel	
<b>Management</b>	• CLI/Telnet/SSH	• Multi-OS support	• Flow Monitoring
	• ICMP/Traceroute/L2 Traceroute	• Port Mirroring/Remote Mirroring	• TDR
	• SNMP v1/v2c/v3	• Standard Syslog	• Logging to Internal Flash
	• NMS (Visual Node Manager)	• FTP/TFTP	• Management port/Console