



**GT-SG-2528-4XF**  
**GT-SG-2528-4XF-PP**  
**24 Ports network layer 2 Switch**

**Technical Specifications**

Network Standard	<p>IEEE 802.3: Ethernet Media Access Control (MAC) protocol          IEEE 802.3i: 10BASE -T Ethernet          IEEE 802.3u: 100BASE -TX fast Ethernet          IEEE 802.3ab: 1000BASE -T gigabit Ethernet          IEEE 802.3z: 1000BASE -X gigabit Ethernet (fiber)          IEEE 802.3ad: comply link aggregation standard          IEEE 802.3x: flow control          IEEE 802.1p: Priority Queues          IEEE 802.1q: VLAN Bridge operation IEEE 802.1d: STP spanning tree          IEEE 802.1s: MSTP spanning tree          IEEE 802.1w: RSTP spanning tree          IEEE 802.3af (PoE Standard for 15.4W)          IEEE 802.3at (PoE+ Standard for 30W)</p>
Ports	<p>24 10/100/1000Mbps RJ45 port - GT-SG-2528-4XF          24 10/100/1000Mbps RJ45 port support PoE / PoE+ - GT-SG-2528-4XF-PP          Max PoE Budget 370W          Single port max 30W</p>
LEDs	<p>28 Link/Act LEDs          24 POE LEDs          1 Power LEDs</p>
Performance	<p>Forwarding mode: store and forward          Switching Capacity: 128Gbps          Packet forwarding rate: 95 Mpps          16K MAC address table</p>
<b>Software</b>	
VSS	<p>Support Virtual Stacking          Support up to 12 Switches in single stack</p>
Routing	<p>Support Static Routing IPv4 and IPv6          Support Dynamic Routing Protocols like RIP v1/v2</p>
DHCP	<p>Support DHCP Server, Client, Relay.          Support DHCP Snooping          Support DHCP option 82</p>
VLAN	<p>Support 4K VLAN, GVRP          Support 802.1Q VLAN, Port VLAN, Voice VLAN, Private Vlan</p>
PoE	<p>Support setting the PoE port priority          Support setting PoE power supply period          Support setting PoE power on Port</p>
MAC Address Table	<p>Comply the IEEE 802.1d standard          Support MAC address learning and aging automatically          Support static, Dynamic, filter address table</p>

Security	<ul style="list-style-type: none"> <li>Password Protection</li> <li>ICMP-echo, DoS protection</li> <li>Support DHCP Snooping, DHCP attack protection</li> <li>Support port security, port isolation</li> <li>Support HTTPS, SSLv3, TLSv1, SSHv1/v2</li> <li>Support IP-MAC-Port</li> <li>Support 802.1X AAA</li> <li>Support ARP Protection, IP Sources Protection, DoS Protection,</li> </ul>
Access Control (ACL)	<ul style="list-style-type: none"> <li>Support L2 (Layer 2) ~ L4 (Layer 4) packet filtering function</li> <li>Support port mirroring, one to one/Many to One</li> </ul>
Multicast	<ul style="list-style-type: none"> <li>Support IGMP v1/v2/v3 Snooping</li> <li>Support static multicast</li> <li>Support multicast VLAN</li> <li>Support multicast filtering, message statistics, unknown multicast discarding</li> </ul>
QoS	<ul style="list-style-type: none"> <li>Support 8 port queue</li> <li>Support Port Priority, 802.1p priority, DSCP priority</li> <li>Support SP, WRR Priority scheduling algorithm</li> </ul>
Spanning Tree	<ul style="list-style-type: none"> <li>Support STP (IEEE 802.1d) RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s) protocol</li> <li>Support loop protection, BPDU protection</li> </ul>
Management and maintenance	<ul style="list-style-type: none"> <li>Support WEB management Http &amp; Https</li> <li>Support CLI (Telnet, Local serial port)</li> <li>Support SNMP V1/V2/V3,</li> <li>Support LLDP, RMON Support IP Source protection</li> <li>Support Cable Diagnostic</li> <li>802.3AH Ethernet Link OAM, 802.1AG Connectivity fault</li> <li>Support CPU monitor, Memory monitoring</li> <li>Support system log, Syslog</li> </ul>
IPv6	<ul style="list-style-type: none"> <li>Support IPv6 Ping, IPv6 Traceroute, IPv6 Telnet</li> <li>Support IPv6 SSH, IPv6 SSL</li> </ul>
Link Aggregation	<ul style="list-style-type: none"> <li>Support Static aggregation</li> <li>Support Up to 8 aggregation groups</li> <li>In one group max 8 ports</li> </ul>
Environment	<ul style="list-style-type: none"> <li>Operation Temperature: 0° to 50° C</li> <li>Storage Temperature: -40° to 70° C</li> <li>Operation Humidity: 0% to 90% non-condensing</li> <li>Storage Humidity: 0% to 95% non-condensing</li> </ul>
Certifications/Compliance	CE, ROHS
Power Input	100-240V AC 50-60Hz
Dimension (LxWxH)	440mm x 210mm x 44mm

### Ordering Information

Part Number	Description
GT-SG-2528-4XF	GT 24-Port 10/100/1000 Base-T L2+ Managed PoE Switch with 4 10G Fiber SFP+ Slots
GT-SG-2528-4XF-PP	GT 24-Port 10/100/1000 Base-T L2+ Managed PoE Switch with 4 10G Fiber SFP+ Slots (PoE Budget - 370W)

