

S2600 Series Carrier-Class Access Switch

S2600 is developed by GCOM to carry multiple Ethernet services, applying to various Ethernet access scenarios. Based on high-performance hardware of a new generation and the intelligent CPU, S2600 provides abundant and flexible service features, ensuring operability, manageability, and expansibility. Moreover, S2600 also supports strong ACL functions, port QinQ, flexible QinQ, 1:1 and N: 1 VLAN switch to flexibly deploy VLANs.

S2600-08T



- 8 * 10/100Base-T
- 16K MAC address
- AC220 and DC48V
- 250mmx180mmx44mm

S2600-09TC



- 8 * 10/100 Base-T
- 1* ComboGE+ (100/1000BaseX SFP or 100/1000BaseT)
- 16K MAC address
- AC220 and DC48V
- 250mmx180mmx44mm

S2600-10TC



- 8 * 10/100Base-T
- 2 * ComboGE+ (100/1000BaseX SFP or 100/1000BaseT)
- 16K MAC address
- AC220 and DC48V
- 250mmx180mmx44mm

S2600-26TC



- 24* 10/100Base-T
- 2* ComboGE+ (100/1000BaseX SFP or 100/1000BaseT)
- 16K MAC address
- AC220V and DC power supply
- 335mm*220mm*44mm

S2600-28TC



- 24 * 10/100Base-T
- 2 * ComboGE+ (100/1000BaseX SFP or 100/1000BaseT)
- 2 * 100/1000BaseX SFP
- AC220 and DC48V
- 440mmx220mmx44mm

S2600-28SC



- 24 * 100BaseX SFP
- 2 * ComboGE+ (100/1000BaseX SFP or 100/1000BaseT)
- 2 * 100/1000BaseX SFP
- 16K MAC address
- AC220 and DC48V
- 440mmx220mmx44mm

S2600-52TS



- 48 * 10/100BaseT
- 4 * 100/1000BaseX SFP
- 16K MAC address
- AC220 and DC48V
- 440mmx220mmx44mm

Product Specifications:

Item	S2600-08T	S2600-09TC	S2600-10TC	S2600-26TC	S2600-28TC	S2600-28SC	S2600-52TS
Backplane capacity	16Gbps	18Gbps	20Gbps	18Gbps	40Gbps	40Gbps	72Gbps
Interface switching capacity	1.6Gbps	5.6Gbps	5.6Gbps	8.8Gbps	12.8Gbps	12.8Gbps	17.6Gbps
Forwarding capacity	1.19Mpps	4.2Mpps	4.2Mpps	6.55Mpps	9.6Mpps	9.6Mpps	13.1Mpps
Power consumption	≤12W	≤12W	≤12W	≤12W	≤28W	≤37W	≤45W
Dimensions (width x depth x height))	250mmx180mmx44mm	250mmx180mmx44mm	250mmx180mmx44mm	335*220*44mm	440mmx220mmx44mm	440mmx220mmx44mm	440mmx220mmx44mm
Weight (Full-loaded)	≤2.5kg	≤2.5kg	≤2.5kg	≤2.5kg	≤3.5kg	≤3.5kg	≤3.5kg
Power supply		AC: 100 ~ 240V, 50 ~ 60Hz DC: -36V ~ -72V					
Environmental requirements		Working temperature: -25°C ~ 50°C Storage temperature: -40°C ~ 70°C Relative humidity: 10% ~ 90%, non-condensing					

Product Features:

Item		2600-08T/09TC/10TC/28TC/28SC/52TS
L2 features	MAC	16K MAC address IP + MAC + port binding ARP anti-attack Aging time and add/remove static MAC MAC Black Hole Port MAC Limit Disable MAC address learning on port or channel-group
	VLAN	4K VLAN entries. Port-based and MAC-based VLAN PrivateVLAN Port-isolation in a VLAN Port QinQ and selective QinQ 1:1 and N:1 VLAN switching
	Port	Bidirectional bandwidth control, configure entry/exit Storm-control on port, configure broadcast/multicast/unknown unicast Static and LACP, configure 14/30 groups and 8 members port each group

		Port- mirroring of 1:1 or N:1
	Ring	STP/RSTP/MSTP Remote-loop-detect
Security features	User's security	ARP anti-Flooding, configure ARP traffic safety threshold and inhibition ARP packet ARP anti-Spoofing , configure ARP inner and outer MAC check and static ARP checklist and drop / flood action IP Source Guard, auto-create IP+MAC+port+VLAN binding table IEEE 802.1x and AAA/Radius authentication
		IP+MAC+port+VLAN binding manually Port Isolation Bind MAC address to port and MAC address filtration on port
	Network security	User-based ARP abnormal traffic filtration Auto-shutdown port in storm Update user's location through DHCP Option82 and PPPoE+
		Port-based broadcast/multicast/unknown unicast suppression L2-L4 ACL flow filtration
	Device security	Anti-DOS attack SSHv2 Secure Shell SNMP v3 encryption Telnet based on Security IP Prevent unauthorized user
Service features	ACL	Activate 1K/460 standard and extended ACL at the same time Port/VLAN/global-based ACL and Time Range-based ACL strategy CAR and ACL in the dynamic AAA
	QoS	4 /8 queues with different priorities on each interface, configure the algorithms of SP, WRR, and SP+WRR Flow classification based on SMAC,DMAC,VLAN,SIP,DIP,IP protocol, port number and CoS Traffic priority definition and packet re-direction
	Multicast	1K L2 multicast groups IGMPv1/v2/v3 Snooping IGMP Filter/Fast leave/cross-VLAN duplication MLDv2/MLDv2 Snooping
Reliability	Loop protection	EAPS and ERPP Loopback-detection
	Link protection	FlexLink (recover-time <50ms) RSTP/MSTP (recover-time <1s) LACP (recover-time <10ms)
	Device protection	Dual fault tolerance backup of host application and configuration file provide 12V RPS redundant power supply interface, accept customization Support to be configured with user-specified configuration Strictly follow the relevant standards, and other mainstream manufacturers fully interoperability

Maintenance	Network maintenance	Port real-time, utilization and transmit/receive statistic based on CLI LLDP 802.3ah Ethernet OAM Syslog and RFC 3164 BSD syslog Protocol Ping and Traceroute
	Device management	CLI, Console port, Telnet and WEB management SNMPv1/v2/v3 RMON (Remote Monitoring)1,2,3,9 MIB NTP GN.Link II Server NGBNView network management

Purchase Information:

Product name	Product description
S2600-08T-SI	Standard version, 8*10/100BaseT (AC 220V, AC60V)
S2600-09TC-SI/EI	standard version/ enhanced version,8*10/100BaseT, 1*ComboGE ⁺ (100/1000BaseX SFP or 10/100/1000BaseT)(AC 220V,AC 60V or DC -48V)
S2600-10TC-SI/EI	Standard version, 8*10/100BaseT, 2*ComboGE ⁺ (100/1000BaseX SFP or 10/100/1000BaseT)(AC 220V, AC 60V or DC -48V)
S2600-26TC	24*10/100BaseT,2*Combo GE uplink, (100~240V AC or -48V DC)
S2600-28TC- SI/EI	Standard version, 24*10/100BaseT, 2*ComboGE ⁺ (100/1000BaseX SFP or 10/100/1000BaseT), 2*1000BaseX SFP (AC 220V, AC 60V or DC -48V)
S2600-28SC-SI/EI	Standard version, 24*100BaseX SFP, 2*ComboGE ⁺ (100/1000BaseX SFP or 10/100/1000BaseT), 2*1000BaseX SFP (AC 220V, AC 60V or DC -48V)
S2600-52TS-SI/EI	Standard version, 48*10/100BaseT, 2*100/1000BaseX SFP, 2*1000BaseX SFP (AC 220V, AC 60V or DC -48V)