

BDCOM S2548GX Series Switch

—Managed Gigabit Ethernet Switch

BDCOM S2548GX is a standard L2 modular switch, which is capable of high performance and gigabit speed packet forwarding. This series switch has 44 1000M SFP plus 4 TX/SFP combo. Due to its high performance and low cost, BDCOM S2548GX series switch is considered a very competitive Ethernet switching solution for community networking and workgroup networking in enterprise networks.



S2548GX

Features

Excellent performance

- 128 Gbps switch fabric
- Giga optical fiber supports up to 80 km long-distance transfer, direct connection to MAN backbone networks

Flexibility

- Port45-48 are TX/SFP combo

Security and reliability

- QoS supports Layer2-4 traffic classification
- Support port mirroring
- VLAN to isolate users for performance & security
- QinQ VPLS supported
- 802.1x supported

Easy maintenance

- Cluster technology supports stacking. Central management with unified IP address saves IP addresses
- Management via CONSOLE port, Web, SNMP, etc.
- BootRom and other software upgrade through TFTP/Z-MODEM
- Support DHCP and relay, provide dynamic IP address assignment
- Support SFP standard interface, protect your investment

Powerful traffic and broadcast management

- Port trunks technology can make a loading balancing links, each link can reach 24G bandwidth, support up to 8 links
- Effectively control multicast and broadcast storm

Specifications

BDCOMS2548GX	
Port	44 10/100/1000M SFP 4 SFP/TX Combo Ports 1 Console Port
Switch Fabric	128G
Forwarding Mode	Store-and-forward
MAC Address Table Size	8K

L2 Main Functions

VLAN	Port-based VLAN , 802.1Q tag VLAN , GVRP dynamic VLAN configuration, 4K
Port Mirroring	Supported
Spanning Tree	IEEE 802.1D-1998 Spanning Tree, connection path backup, IEEE 802.1w (RSTP)
QoS	L2-4 traffic classification

Working Environment

Temperature	Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
Humidity	0 ~ 90% (no condensing)

Order Information

GSFP-SX	1 1000 Base-SX port, SFP module, multi-mode, 500m, 850nm
GSFP-LX-10	1 1000 Base-LX port, SFP module, single-mode, 10 km, 1310 nm
GSFP-LX-40	1 1000 Base-LX port, SFP module, single-mode, 40 km, 1310 nm
GSFP-ZX-80	1 1000 Base-LX port, SFP module, single-mode, 80 km, 1550 nm