

GTL-5291 52-Port L3 Managed Gigabit Switch, 48 x Gigabit RJ45, 4 x 10GbE SFP+

Product Images



Short Description

- 48 Gigabit Ethernet ports and 4 10-Gigabit SFP+ slots.
 - Supports L3 management, such as OSPF, RIP, QoS, VLAN, MSTP, Multi-broadcast, ports management.
 - 6KV surge protection, 6KV contact / 8KV air ESD protection.
 - Supports working temperature -10°C~50°C.
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Description

The LevelOne GTL-5291 includes high-performance Gigabit Ethernet Layer3 switches featuring 52 ports; 48 10/100/1000BASE-T ports, 4 10G SFP+ ports, Supports L3 management, such as OSPF, RIP, QoS, VLAN, MSTP, Multi-broadcast, ports management. The switch is ideal for high-performance server aggregations, such as enterprise data centers, where it can connect high-end or network-attached file servers through fiber ports. It can also be deployed as a backbone upgrade, or to provide Gigabit-to-the-desktop for power users. This switch is packed with features and is a cost-effective solution that brings continuous availability, enhanced security, and advanced QoS to the network edge, while maintaining simplicity of management.

Additional Information

Color	Black
EAN	4015867227961
Model Number	GTL-5291
Features	Port configuration ● Auto-negotiation ● Flow Control (Support Head-of-line blocking) ● Port Mirror ● Traffic statistics Link Aggregation ● Static link aggregation LACP ● Algorithm based on Source/Destination MAC ● Algorithm based on Source/Destination IP ● 8 groups ● 8 ports per group MAC Table ● Aging Time ● Static MAC address ● Dynamic MAC address management VLAN ● 4K Active VLANs ● 4K VID ● 802.1Q Tag VLAN ● Port VLAN ● Protocol VLAN ● MAC VLAN ● Management VLAN ● Voice VLAN ● Q-in-Q ● Private VLAN ● GARP/GVRP ACL ● 64 ACLs ● L2, L3 e L4 ● Time-based ACL Spanning tree ● 802.1D Spanning Tree Protocol (STP) ● 802.1w Rapid Spanning Tree Protocol (RSTP) ● 802.1s Multiple Spanning Tree Protocol (MSTP) ● Loop Guard ● Root Guard ● TC-BPDU Guard ● BPDU Guard ● BPDU Filter Multicast ● 256 groups ● GMP v1/v2/v3 ● Fast Leave ● Multicast VLAN ● Static Multicast ● Multicast Filter ● IGMP Statistics ● MLD Snooping QOS ● 4 priority queues ● CoS port-based ● CoS 802.1p-based ● CoS DSCP-based ● Scheduling algorithms SP, WRR, SP+WRR ● Storm Control (Broadcast, Multicast, Unknown Unicast) ● Bandwidth control per port ● Head-of-line blocking
Management	● SNMP v1/v2c/v3 ● RMON 4 grupos ● WEB (HTTP/HTTPS) ● CLI (Telnet, Console, SSHv1/v2) ● Firmware upgrade via console/web/TFTP ● Configuration Backup/Reload ● All possible configurations in the CLI must exist in the WEB interface ● LLDP ● System Log(Syslog) Information

Security	● Port Security ● MAC address filter ● ARP Association (Manual, ARP scanning, DHCP snooping) up to 200 entries ● ARP Protection ● DoS (Denial of Service) ● Classification of packages based on: End.MAC, IP End, TCP / UDP Ports, Protocol Type ● 802.1x Authentication (port-based e MAC-based) - TACACS/TACACS+ Authentication ● RADIUS Authentication ● DHCP Filter ● Guest VLAN ● SSLv2/SSLv3/TLSv1 ● SSHv1/SSHv2 ● Restriction of WEB access based on: IP Address, And. MAC and Port ● Port Isolation ● Local User Name Password Authentication (2 levels) ● Loopback detection
Grade	Commercial
Data rate	Gigabit and 10-Gigabit Ethernet
PoE Supported	No
Manageable	Yes
Fanless	No
Concurrent ports	Total 52.00
Approval and Compliance	● CE ● RoHS
Operating humidity	10% RH ~ 90% RH
Operating temperature	-10°C ~ 50°C
Storage humidity	10% RH ~ 90% RH
Storage temperature	-40°C ~ 85°C
Package Contents	● GTL-5291 ● Power Cord ● 19" Rack Mount Kit ● Quick Installation Guide ● Declaration of Conformity
Product weight (kg)	6
Dimensions (W x D x H)	442 x 320 x 44 mm
Power consumption	40 W
Standards	● IEEE 10BASE-T (IEEE 802.3) ● IEEE 100BASE-TX (IEEE 802.3u) ● IEEE 1000BASE-T (IEEE 802.3ab) ● IEEE 802.3z (1000BASE-SX/LX/LHX/ZX) - Transceivers ● IEEE802.3x flow control ● IEEE 802.1Q VLANs ● IEEE 802.1D Spanning Tree Protocol (STP) ● IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) ● IEEE 802.1s Multiple Rapid Spanning Tree Protocol (MSTP)

Power supply	100-240 VAC, 50-60 Hz
Mount	19" rack mount, Desk mount
MAC address table	32 K
Jumbo frame (KB)	9
Indicators	● Power ● Link/Active
Packet buffer	16 Mbits
Backplane (Gbps)	176

