DATASHEET

48-Port Gigabit Ethernet Switch unmanaged,10/100/1000 Mbps, +4x10GB SFP+











General data

48 Gigabit Ethernet ports and 4 10-Gigabit SFP+ slots
Supports auto-learning and auto-aging for up to 32K MAC addresses
10K jumbo frames to increase data transfer rates
IEEE-802.3x flow control protects against packet loss and ensures reliable data transfer
Minimizes power consumption through modern energy efficiency (IEEE-802.3az)

Gigabit speeds: Bring your data up to date with the latest technology.
The GTU-5211 from LevelOne is a 52-port Gigabit Ethernet switch that offers you a
powerful, cost-effective, easy-to-use and seamless upgrade
to bring your network into the Gigabit age. Increase the speed of your network backbone to a massive 176 Gbps and bring gigabit speeds to your computers.

Bandwidth hungry? No problem.
What happens when multiple users access multimedia applications at the same time? No need to worry, because with the GTU-5211 you can move large files faster and easier. Simply connect your NAS via an SFP+ port with a DAC cable and transfer your CGI, CAD, video or other large multimedia files over the network instantly and without delay.

Plug and Play, flexible and simple

This datasheet was created automatically on 08-11-2026 . Technical changes reserved.

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The GTU-5211 is plug and play, so no configuration is required. The automatic MDI/MDI-X cable detection on all ports eliminates the need for crossover cables or uplink ports. Each port can be used as a general purpose port or uplink port, and each port can be easily connected to a server, hub, router or switch using a standard patch cable or crossover cable. Diagnostic LEDs that indicate link status and link activity allow you to quickly identify and troubleshoot network issues.

Additional Information
Data Rate Gigabit and 10-Gigabit Ethernet
PoE Supported No
Simultaneous Ports 48,00 ports
Fanless No
Manageable No
Commercial Grade

Approvals and Compliance
- CE
- UKCA
- FCC Part 15, Subpart B Class B
- RoHS

Operating Humidity 10% RH ~ 90% RH
Operating Temperature 0 °C ~ 45 °C
Storage Humidity 5% RH ~ 95% RH
Storage Temperature -40 °C ~ 70 °C

Package Contents
- GTU-5211
- Power Cord
- 19" Rack Mount Kit
- Quick Installation Guide
- Declaration of Conformity

Physical Specifications
Dimensions (W x D x H) 440 x 290 x 44.5 mm
Product Weight (kg) 3,389

System Specifications
Switching Capacity 176 Gbps
Acoustic Noise (dB) 30 dB
Backplane (Gbit/s) 176
Flash Memory Size 16 MB
Heat Dissipation 163.8 (Btu/H)
Indicator Power, Link/Ack
Jumbo Frames (KB) 10 KB

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MAC Address Table 32 K
Mounting 19" rack mounting, table mounting
MTBF 43,800 hrs.
Packet buffer 16 Mbits
Port configuration 48x 10/100/1000 Mbps RJ-45 copper ports, 4x 10GbE SFP+ slot
Power consumption 48 W
Power supply 100-240 VAC, 50-60 Hz
Power supply included Yes
RAM size 256 MB

Standards
- IEEE 802.3 10-BASE-T (Ethernet)
- IEEE 802.3u 100-BASE-TX (Fast Ethernet)
- IEEE 802.3ab 1000BASE-T (Gigabit Ethernet)
- IEEE 802.3z 1000BASE-X (Gigabit Ethernet)
- IEEE 802.3x Flow Control (full-duplex flow control)
- IEEE 802.3az:Energy Efficient Ethernet

Technical properties	
10 Gigabit Ethernet	True
Ethernet	True
Fast Ethernet	True
Gigabit Ethernet	True
Manageable	False
Manufacturer	LevelOne
Mounting method	482.6 mm (19 inch) mounting
Number of ports 10 Gbps Mini GBIC	4
Number of ports 10/100/1000 Mbps RJ45	48

Available variants

ArtNr.	Bezeichnung	Unique
GTU-5211	48-Port Gigabit Ethernet Switch unmanaged,10/100/1000 Mbps, +4x10GB SFP+	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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