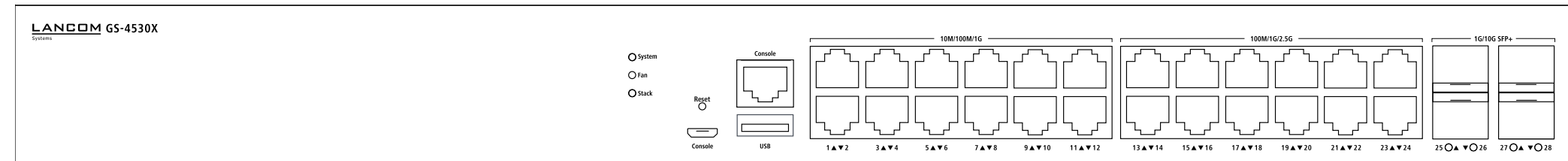
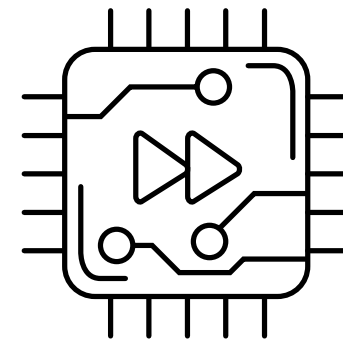


# Hardware Quick Reference

## LANCOM GS-4530X

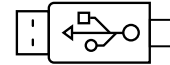


- ① Configuration interfaces RJ-45 & micro USB (Console)
- ② USB interface
- ③ TP Ethernet interfaces 10M / 100M / 1G
- ④ TP Ethernet interfaces 100M / 1G / 2.5G
- ⑤ SFP+ interfaces 1G / 10G
- ⑥ OOB interface (rear panel)
- ⑦ QSFP+ interfaces 40G (rear panel)
- ⑧ Power supply module with mains connection socket (rear panel)
- ⑨ Additional slot for power supply module with mains connection socket (rear panel)

**① Configuration interfaces RJ-45 & micro USB (Console)**  
Connect the configuration interface via the included micro USB cable to the USB interface of the device you want to use for configuring / monitoring the switch. Alternatively, use the RJ-45 interface with the provided serial configuration cable.



**② USB interface**  
Connect a USB stick to the USB interface to store general configuration scripts or debug data. You can also use this interface to upload a new firmware.



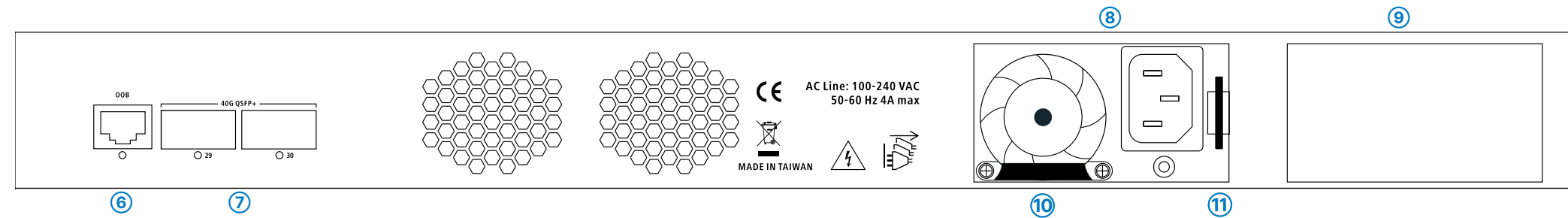
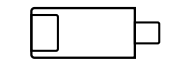
**③ TP Ethernet interfaces 10M / 100M / 1G**  
Connect the interfaces 1 to 12 via Ethernet cable to your PC or a LAN switch.



**④ TP Ethernet interfaces 100M / 1G / 2.5G**  
Connect the interfaces 13 to 24 via Ethernet cable with at least CAT5e / S/FTP standard to your PC or a LAN switch.



**⑤ SFP+ interfaces 1G / 10G**  
Insert suitable LANCOM SFP modules into the SFP+ interfaces 25 to 28. Choose cables which are compatible with the SFP modules and connect them as described in the SFP modules mounting instructions: [www.lancom-systems.com/SFP-module-MI](http://www.lancom-systems.com/SFP-module-MI).

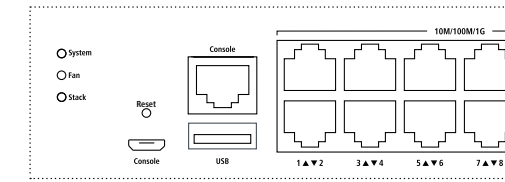


**Please observe the following when setting up the device**  
 → The mains plug of the device must be freely accessible.  
 → For devices to be operated on the desktop, please attach the adhesive rubber footpads.  
 → Do not rest any objects on top of the device and do not stack multiple devices.  
 → Keep the ventilation slots on the side of the device clear of obstruction.



→ Mount the device into a 19" unit in a server cabinet using the provided screws and mounting brackets. Both slide-in rails are attached as shown in the accompanying installation instructions [www.lancom-systems.com/slide-in-MI](http://www.lancom-systems.com/slide-in-MI).  
 → Please note that support for third-party accessories (SFP and DAC) is not provided.

**Before initial startup, please make sure to take notice of the information regarding the intended use in the enclosed installation guide! Operate the device only with a professionally installed power supply at a nearby power socket that is freely accessible at all times.**



- ① System / Fan / Stack
- ② Mode / Reset button
- ③ TP Ethernet ports 10M / 100M / 1G

### ① System / Fan / Stack

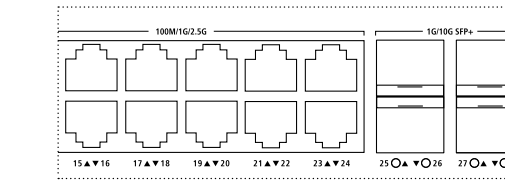
System: green	Device operational
System: red	Hardware error
Fan: red	Fan error
Stack: green	As manager: port activated and connected with standby manager connected
Stack: orange	As standby manager: port activated and connected to connected manager

### ② Mode / Reset button

Short press	Switching the port LED display
~5 sec. pressed	Device restart
Pressed until all port LEDs glow permanently	Configuration reset and device restart

### ③ TP Ethernet ports 10M / 100M / 1G

Off	Port inactive or disabled
Green	Link 1000 Mbps
Green, blinking	Data transfer, link 1000 Mbps
Orange	Link < 1000 Mbps
Orange, blinking	Data transfer, link < 1000 Mbps



- ④ TP Ethernet ports 100M / 1G / 2.5G
- ⑤ SFP+ ports 1G / 10G
- ⑥ OOB port (rear panel)
- ⑦ QSFP+ ports 40G (rear panel)

### ④ TP Ethernet ports 100M / 1G / 2.5G

Off	Port inactive or disabled
Green	Link 2500 - 1000 Mbps
Green, blinking	Data transfer, link 2500 - 1000 Mbps
Orange	Link < 1000 Mbps
Orange, blinking	Data transfer, link < 1000 Mbps

### ⑤ SFP+ ports 1G / 10G

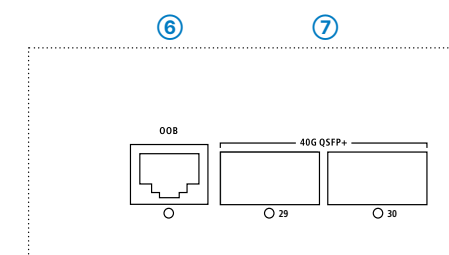
Off	Port inactive or disabled
Blue	Link 10 Gbps
Blue, blinking	Data transfer, link 10 Gbps
Green	Link 1 Gbps
Green, blinking	Data transfer, link 1 Gbps

### ⑥ OOB port (rear panel)

Off	OOB port inactive
Green	Link 1000 Mbps

### ⑦ QSFP+ ports 40G (rear panel)

Off	Port inactive or disabled
Green	Link 40 Gbps
Green, blinking	Data transfer, link 40 Gbps



<b>Hardware</b>	
Power supply	Exchangeable power supply (110-230 V, 50-60 Hz)
Power consumption	Max. 72 W (when using one power supply, or redundancy mode with two power supplies)
Environment	Temperature range 0-40° C; short-term temperature range 0-50° C; humidity 10-90 %, non-condensing
Housing	Robust metal housing, 1 HU with removable mounting brackets and slide-in rails, network connections at front and rear, dimensions 442 x 44 x 375 mm (W x H x D)
Number of fans	2

### Interfaces

QSFP+	2 * QSFP+ 40 Gbps uplink ports for connection to superordinate core switches or content servers, can also be configured as stacking ports via software
TP Ethernet	12 TP Ethernet ports 10 / 100 / 1000 Mbps 12 TP Ethernet ports 100 / 1000 / 2500 Mbps
SFP+	4 * SFP+ 1 / 10 Gbps, uplink ports for connection to superordinate core switches or content servers, can also be configured as stacking ports via software
Console	1 * RJ-45 / 1 * Micro USB
USB	1 * USB host
OOB	1 * OOB

### Package Content

Mounting brackets	Two 19" mounting brackets, two slide-in rails for rear stabilization in 19" racks
Power supply	1x exchangeable power supply LANCOM SPSU-250, expandable to 2 LANCOM SPSU-250 power supplies (hot swappable, for redundancy operation)
Cables	1 IEC power cord, 1 serial configuration cable, 1 micro USB configuration cable

Hereby, LANCOM Systems GmbH | Adenauerstrasse 20/B2 | D-52146 Wuersele, declares that this device is in compliance with Directives 2014/30/EU, 2014/35/EU, 2011/65/EU, and Regulation (EC) No. 1907/2006. The full text of the EU Declaration of Conformity is available at the following Internet address: [www.lancom-systems.com/doc](http://www.lancom-systems.com/doc)