

10G stackable full layer 3 multi-Gigabit access switch with PoE++ for medium, data-intensive infrastructures



The LANCOM XS-4530YUP access switch offers wirespeed performance even under intense network utilization and is therefore ideally suited to the requirements of data-intensive infrastructures in enterprise environments. The operation of Wi-Fi 7 access points or other network components with high energy and power requirements is ensured by 12x 2.5G and 12x 10G multi-Gigabit Ethernet ports in accordance with industry standards as well as Power over Ethernet IEEE 802.3bt (PoE++) on all ports. Redundancy functions such as Virtual Port Channel (VPC) or stacking enable network operation with 100% uptime with support for in-service software updates (ISSU) as well as 400 Gbps VPC and stacking speeds. With redundant and hot-swappable power supply units and fan modules as well as an included LANCOM Limited Lifetime Warranty (LLW), the reliable operation of the LANCOM XS-4530YUP is guaranteed. For switch management, you can either use the web-based GUI and the standardized CLI, or switch to the LANCOM Management Cloud (LMC), which enables standardized network management through clever automation or features such as centralized port templates.

- → Multi-Gigabit access switch with 12x 2.5G and 12x 10G multi-Gigabit Ethernet ports as well as 4x 25G SFP28, and 2x 100G QSFP28 uplink or stacking ports
- → PoE support as per IEEE 802.3bt PD-Type 4 on all 24 Ethernet ports with up to 1,440 watts PoE budget
- → Support of Virtual Port Channel (VPC or MC-LAG) to implement networks with 100% uptime
- ightarrow Full layer 3 functionality thanks to VRRP, DHCP, static and policy-based dynamic routing via OSPF v2/v3 and BGP4
- ightarrow Backplane stacking optionally (SW-defined) via SFP+ or QSFP+ ports
- → 1x hot-swappable PSU integrated, second PSU optional
- → 2x fixed, redundant fans (N+1)
- → Front-to-back ventilation design for optimal cooling in 19" racks
- → Industry standard CLI
- → Cloud-managed LAN and switch stacking for quick configuration and convenient management via the LMC
- → IPv6 and IPv4 support for modern enterprise networks
- → Including switch slide-in rails (2x 19" mounting brackets and telescopic slides), serial & micro-USB configuration cables, and IEC power cord



→ Limited Lifetime Warranty (LLW) included



High power output on 30 ports

The LANCOM XS-4530YUP is equipped with 12x 2.5G multi-Gigabit PoE++ Ethernet ports, 12x 10G multi-Gigabit PoE++ Ethernet ports as well as 4x SFP28 and 2x QSFP28 ports, which support transfer rates of 25 and 100 Gbps respectively. With the SFP28 and QSFP28 ports, you can continue to use your existing fiber optics infrastructure while benefiting from higher bandwidths per port at the same time. This means that fewer hardware purchases are required in the long term, which reduces your investment costs (CapEx). With a data throughput of 900 Gbps on the backplane, the switch offers wirespeed performance even at high workloads. The multi-Gigabit access switch thus forms the powerful basis for modern network infrastructures in all industries and areas of application.

Network design with 100% uptime via VPC / MC-LAG

Virtual Port Channel (VPC), or Multi-chassis Link Aggregation Group (MC-LAG), is the preferred solution for increasing the reliability of large network infrastructures. If you link two LANCOM XS-4530YUP in a VPC network and connect the underlying network components redundantly, the other switch remains active in the event of a failure or during in-service software update (ISSU) of one of the VPC-connected switches, thus ensuring 100% uptime. This is possible because both switches remain physically independent devices that merely form a virtual network. In addition, the link speed of the underlying network components is multiplied, as a VPC network allows multiple connections to the underlying level (active/active). For constant data forwarding, the switches exchange important information about the network, such as MAC tables, via their peer link.

A high-performance basis for Wi-Fi 7 - PoE included

Thanks to twelve high-performance 10G multi-Gigabit Ethernet ports, the PoE switch LANCOM XS-4530YUP is the ideal LAN-side basis for integrating Wi-Fi 7 into modern infrastructures. This is because Wi-Fi 7 access points or other network components with high transmission speeds and energy requirements mean increased performance requirements at the access level. To ensure the full performance and range of 10G, cables with higher specifications such as CAT6a or CAT7 are required. For a centralized and efficient power supply without additional electrical installation or power supply units, the LANCOM XS-4530YUP supplies connected PoE end devices and supports the Power over Ethernet standards IEEE 802.3af (PoE), IEEE 802.3at (PoE+), and IEEE 802.3bt PD-Type 4 (PoE++) with up to 90 watts per port. Thanks to high power reserves, a PoE budget of 1,440 watts is available when using both power supply units in power mode.

Redundant network topologies with high-performance stacking

Stacking allows up to eight physical switches from the XS-4500 series to be combined into one logical unit for convenient maintenance and management – at a single site or even distributed across different sites. The stacking function can be activated on both the front SFP28 and the rear QSFP28 uplink ports. The stack manager uses the non-stop forwarding function to cyclically supply its standby with current information such as the MAC table and its own status information. In the event of a failure, the standby manager can ensure that the network is almost 100% up and running within a few seconds. In the event of a firmware update, the stack is restarted, for which a maintenance window must



be scheduled. The entire stack can be conveniently managed and monitored via cloud-managed switch stacking using the LANCOM Management Cloud. The network can also be expanded at a later date, as the new switch receives its configuration automatically from the stack manager and is ready for use within seconds.

Full control over your investment

Fully equipped ex works, ready for immediate use, everything from a single source: In accordance with the principle of "Total Cost of Ownership" (TCO), the LANCOM XS-4530YUP gives you planning security from the very beginning and at all times with regard to the acquisition costs for your network expansion. The full expansion with all necessary ports in the industry standard makes time-consuming and costly retrofitting of proprietary port modules a thing of the past. Furthermore, our accessories portfolio provides you with the necessary SFP modules and direct attach cables directly from us in tested LANCOM quality. In addition to the guarantee of maximum operational reliability through extensive load and long-term testing of the modules and interoperability tests with the entire LANCOM portfolio, you also save on long delivery times.

Static routing for fast data exchange

The LANCOM XS-4530YUP is full layer 3 capable with policy-based dynamic routing via OSPF, providing dynamic network routes through one or more network segments. This provides tremendous increase in network efficiency for example in meshed networks with multiple aggregation switches at different locations.

Operational reliability with hardware redundancy

The LANCOM XS-4530YUP with a "hot-swappable" PSU (power supply unit) allows the power supply unit to be replaced quickly and without interruption in the event of a breakdown. A separate plug-in slot realizes the addition of a second PSU. With the integration of two redundant power supply units, for example, highly fail-safe scenarios can be realized. In addition, the redundant (N+1) fan concept also ensures fail-safe switch operation in case one of the two fans fails.

Cloud-managed LAN with port templates and Secure Terminal Access

With the LANCOM Management Cloud (LMC) and Cloud-managed LAN, the LANCOM XS-4530YUP offers quick and easy network integration as well as automatic provision of the configuration across locations with the a click of a mouse. Time-consuming individual device and switch port configurations are now a matter of the past. The targeted switch rollout via the LMC enables automatic VLAN assignment to switch ports including practical switch port profiles and therefore "zero-touch" assignment to the devices.

Limited Lifetime Warranty (LLW)

This enterprise switch is covered ex works by the LANCOM Limited Lifetime Warranty. Regardless of the operating time, the replacement service is valid until the End of Life status of the device (max. 10 years). For next-business-day delivery of a replacement device, we recommend LANcare NBD Replacement as well as LANcare Direct Advanced in 24/7 or 10/5 variants. LANcare Direct Advanced also offers technical manufacturer support with guaranteed service and response times.



Security	
Secure Shell Protocol (SSH)	SSH for a secure remote configuration
Secure Sockets Layer (SSL)	SSL to encrypt HTTP connections; advanced security for browser-based configuration via web interface
IEEE 802.1X	IEEE 802.1X access control on all ports; RADIUS for authentication, authorization and accounting with e.g. MD5 hashing; guest VLAN; dynamic VLAN assignment
Private VLAN edge	Layer 2 isolation between clients in the same VLAN ("protected ports"); support multiple uplinks
Port security	Locking of MAC addresses to ports; limiting of the number of learned MAC addresses
IP source guard	Blocking access for illegal IP addresses on specific ports
Access-control-lists	Drop or rate limitation of connections based on source and destination MAC addresses, VLAN ID, IP address (IPv4/IPv6), protocol, port, DSCP/IP precedence, TCP/UDP source and destination ports, IEEE 802.1p priority, ICMP packets, IGMP packets, TCP flag. Support of 1023 ACEs (max. rules per list) per ACL and up to 2800 entries in total.
RADIUS/TACACS+	Authentication, authorization and accounting of configuration changes by RADIUS or TACACS+
Storm Control	Multicast/Broadcast/Unicast storm suppression
Isolated Group	Allows certain ports to be designated as protected. All other ports are non-isolated. Traffic between isolated group members is blocked. Traffic can only be sent from isolated group to non-isolated group.
DHCP Snooping	Protection against rogue DHCP servers on the network - Outgoing DHCP-server packets are only allowed on specific ports.
Dynamic ARP Inspection	Dynamic ARP Inspection to prevent man-in-the-middle attacks incl. proxy ARP
ARP Request Poisoning	Protection against ARP Request Poisoning (ARP Spoofing)
IPv6 First Hop	IPv6 First Hop Security by Snooping Guard, DHCPv6 Guard, Source Guard, Prefix Guard
Denial-of-Service	Protection against Denial-of-Service attacks to prevent the loss of important protocol functions
Performance	
Switching technology	Store and forward with latency less than 4 microseconds
MAC addresses	Support of max 32K MAC addresses
Throughput	Max. 900 Gbps on the backplane
Maximum packet processing	670 million packets per second (mpps) at 64-byte packets
VLAN	Port based and IEEE 802.1q tag based VLAN with up to 4,093 VLAN; Supports ingress and egress packet filter in port based VLAN
Jumbo frame support	Jumbo frame support with up to 12288 bytes



Performance	
Packet Buffer	8 MB
6in4 Tunneling	Support of encapsulation of IPv6 traffic in IPv4 packets
PoE with IEEE 802.3bt and IEEE	802.3at/af
2.5G Ports	12x IEEE 802.3bt 2.5G PoE ports with up to 90W per port (type 4, compatible to IEEE 802.3at/af powered devices) limited by the maximum PoE power supplied
10G Ports	12x IEEE 802.3bt 10G PoE ports with up to 90W per port (type 4, compatible to IEEE 802.3at/af powered devices) limited by the maximum PoE power supplied
Power	720 W total power with dynamic load balancing on all ports (optional up to 1440 W with second power supply unit
Priorisation	Supports port based priority and PoE status setting
Status information	Monitoring via LED, displaying the actual power consumption per port in web interface
Energy efficiency (Green Ethern	net)
Energy detection	Energy efficiency according to IEEE 802.3az. Automatically turns off power on Gigabit Ethernet RJ-45 port when detecting link down or Idle of client. Active mode is resumed without loss of any packets when the switch detects the link up
Cable length detection	Adjusts the signal strength based on the cable length. Reduces the power consumption for short cable
Layer 3 features	
Number of L3 inferfaces	up to 128
Static routing (IPv4/IPv6)	Hardware based static routing (IPv4/IPv6) with a number of 16,000 possible routes
DHCP Server	DHCP Server per VLAN, max. 16 pools
VRRP	Virtual Router Redundancy Protocol
VRF	Virtual Routing and Forwarding
Dynamic routing (IPv4/IPv6)	dynamic routing by OSPFv2, OSPFv3 and BGP4
Layer 2 switching	
Spanning Tree Protokoll (STP) / Rapid STP / Multiple STP	Standard Spanning Tree according to IEEE 802.1d with fast convergence support of IEEE 802.1w (RSTP); using Multiple Spanning Tree instances by default according to IEEE 802.1s (MSTP)
Link Aggregation Control Protocol (LACP)	Support of 64 groups containing up to 32 ports each according to IEEE 802.1ax



Layer 2 switching	
Virtual port channel VPC	VPC (also known as MLAG) enables a LAG to be created across two independent switches, so that some member ports of a VPC can reside on one switch and the other members of a VPC can reside on another switch, for details see CLI manual
VLAN	Support for up to 4K VLANs simultaneously (out of 4093 VLAN lds); matching due to port, IEEE 802.1q tagged VLANs, MAC adresses, IP subnet and Private VLAN Edge function ("protected ports")
Voice VLAN	Voice traffic is automatically assigned to a voice-specific VLAN and treated with appropriate levels of QoS
IGMP multicasts	IGMP v1, v2, v3 to limit bandwidth-intensive multicast traffic to ports with requesters; supports 1024 multicast groups; source-specific multicasting
IGMP querier	Support of multicast domains of snooping switches in the absence of a multicast router
IGMP proxy	IGMP proxy to pass IGMP messages through
MLD v1/v2	Multicast Listener Discovery - IPv6 multicast packets are transmitted to interested listeners only
Generic VLAN registration	VLAN registration with GVRP according to IEEE 802.1q for automatic delivery of VLANs in bridged domains
DHCP Relay Agent	Relay of DHCP broadcast request to different LANs
Supported DHCP options	all options listed in RFC2132
Stacking	
Stacking Option	Stacking by 2 QSF28 100G Ports – via optional "LANCOM SFP-DAC100-1m" or "LANCOM SFP-DAC100-3m" or by using "LANCOM SFP-SR-LC100" oder "LANCOM SFP-LR-LC100" modules, or by SFP28 (25G) uplink ports
Interfaces	
Ethernet	 → 12 TP ports 100/1000/2500 Mbps → 12 TP-Ports 1000/2500/5000/10000 Mbps → 4 SFP28 ports 25/40 Gbps → 2 QSFP28 Uplink or Stacking ports 100 GBit/s → 30 concurrent ethernet ports in total
Console port	Micro-USB and RJ45 configuration port for command line access
Out of band management port	Out of band management RJ45 configuration port for command line access via terminal server
Management and monitoring	
Management	LANconfig, WEBconfig, LANCOM Management Cloud, Industry Standard CLI
Command Line Interface (CLI)	Configuration and status display from the command line with console application and direct connection to console port, via Telnet or SSH
Monitoring	LANmonitor, LANCOM Management Cloud



Management and monitoring	
Remote Monitoring	Integrated RMON software agent supports 4 RMON groups (history, statistics, alarms and events) for enhanced traffic management, monitoring and analysis
Port Mirroring	Traffic can be mirrored from on port to another for investigation with network analyzer or RMON probe. Up to 27 ports can be mirrored to a single mirror port. Single sessions can be selected
Security	Access rights (read/write) can be set up separately, access control list
SNMP	SNMP management via SNMPv1, v2c or v3 with support of traps. User-based security model for SNMPv3 (USM)
Diagnosis	Diagnosis from the switch with PING and cable diagnosis
Firmware update	 → Update via WEBconfig and browser (HTTP/HTTPS) → Update via TFTP, SCP, and LANconfig → Update via LANCOM Management Cloud → Dual firmware image to update during operation
Secure Copy	Securely import and export files
DHCP client	Automatic assignement of the management IP address by DHCP
SNTP	Automatic time settings with Simple Network Time Protocol (SNTP)
s-flow v5	Standard for monitoring of high-speed-networks. Visualization of network use, accounting an analysation to protect your network against dangers
Hardware	
Weight	13,5 lbs (6,2 kg)
Power supply	Two bays for swappable power supply units (100 – 240 V, 50 – 60 Hz)
Environment	Temperature range 0 – 40° C; short term temperature conditions 0 – 50°C; humidity 10 – 90%; non-condensing
Housing	Robust metal housing, 19" 1U (442 x 44 x 440 mm > W x H x D) with removable mounting brackets, network connectors on the front
Fans	2 (swappable—replace defective fans within 48 hours to protect device from possible damage / time required for replacement approx. 2 min) Exchange fan "LANCOM SFAN-XS6" optionally available
Power consumption (max) without powered devices	 → 90 W (when using one PSU, or two PSUs in redundancy mode) → 90 W (when using two PSUs in boost mode)
Power consumption (max) at full PoE power delivery	 → 890 W (when using one PSU, or two PSUs in redundancy mode) → 1650 W (when using two PSUs in boost mode)
Power consumption (idle)	83 W



Hardware	
Acoustic noise (typ.)	60 dBa
Heat power (max)	715 BTU/h
Software	
LCOS version	based on LCOS SX 5.20
Lifecycle Management	After discontinuation (End of Sale), the device is subject to the LANCOM Lifecycle Management. Details can be found at: www.lancom.de/lifecycle
Anti-backdoor policy	Products from LANCOM are free of hidden access paths (backdoors) and other undesirable features for introducing, extracting or manipulating data. The trust seal "IT Security made in Germany" (ITSMIG) and certification by the German Federal Office for Information Security (BSI) confirm the trustworthiness and the outstanding level of security
Declarations of conformity*	
Europe/EFTA	CE
North America	FCC/IC
Australia / New Zealand	ACMA
*) Note	The full text of the specific Declaration of Conformity is available at the following Internet address: www.lancom-systems.com/doc
Supported IEEE standards	
IEEE 802.1AB	Link Layer Discovery Protocol (LLDP)
IEEE 802.1AB	LLDP-MED
IEEE 802.1ad	Q-in-Q tagging
IEEE 802.1ak	MRP and MVRP - Multiple Registration Protocol and Multiple VLAN Registration Protocol
IEEE 802.1d	MAC Bridging
IEEE 802.1d	Spanning Tree
IEEE 802.1p	Class of Service
IEEE 802.1q	VLAN
IEEE 802.1s	Multiple Spanning Tree Protocol (MSTP)
IEEE 802.1w	Rapid Spanning Tree Protocoll (RSTP)
IEEE 802.1X	Port Based Network Access Control



Supported IEEE standards	
IEEE 802.3	10Base-T Ethernet
IEEE 802.3ab	1000Base-TX Ethernet
IEEE 802.1ax, incl. 802.3ad	Link Aggregation Control Protocol (LACP)
IEEE 802.3ae	10 Gigabit Ethernet over fiber
IEEE 802.3af	Power over Ethernet (PoE)
IEEE 802.3at	Power over Ethernet Plus (PoE+)
IEEE 802.3bt	Power over Ethernet++(PoE++) Type 4
IEEE 802.3az	Energy Efficient Ethernet
IEEE 802.3bz	2.5GBASE-T Ethernet
IEEE 802.3an	10GBASE-T Ethernet
IEEE 802.3bj	25GBASE-X Ethernet
IEEE 802.3ba, 40G	40GBase-X Ethernet
IEEE 802.3ba, 100G	100GBase-X Ethernet
IEEE 802.3u	100Base-T Ethernet
IEEE 802.3x	Flow Control
IEEE 802.3z	1000Base-X Ethernet
IEEE 802.3ac	VLAN tagging
IEEE 802.3bj-CL91	Forward Error Correction (FEC)
IEEE 802.1ak	Multiple Registration Protocol (MRP)
IEEE 802.1as	Timing and Synchronization for Time-Sensitive LANs
IEEE 802.1Qat	Multiple Stream Reservation Protocol (MSRP)
IEEE 802.1Qav	Forwarding and Queuing Enhancements for Time-Sensitive Streams
IEEE 802.1Qbb	Priority-based Flow control
IEEE 802.1v	Protocol-based VLANs



RFC 854 Telnet Protocol Specification RFC 1213 MIB II RFC 1215 SNMP Generic Traps RFC 1493 Bridge MIB RFC 1769 Simple Network Time Protocol (SNTP) RFC 2021 Remote Network Monitoring MIB v2 (RMONv2) RFC 2333 Interface MIB RFC 2460 Internet Protocol Version 6 (IPv6) RFC 2613 SMON MIB RFC 2617 HTTP Authentication RFC 2655 Ethernet-Like MIB RFC 2674 IEEE 802.1p and IEEE 802.1q Bridge MIB RFC 2818 Hypertext Transfer Protocol Secure (HTTPS) RFC 2819 Remote Network Monitoring MIB (RMON) RFC 2863 Interface Group MIB using SMIv2 RFC 2933 IGMP MIB RFC 3019 MLDv1 MIB RFC 3414 User based Security Model for SNMPv3 RFC 3415 View based Access Control Model for SNMP RFC 3621 Power Ethernet-Like MIB RFC 3835 Ethernet-Like MIB	Supported RFC standa	rds
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RFC 3621 Power Ethernet MIB		View based Access Control Model for SNMP
	RFC 3587	IPv6 Global Unicast Address Format
PEC 3635 Ethernet-Like MIR	RFC 3621	Power Ethernet MIB
TO 5000 Ethernet Like Wild	RFC 3635	Ethernet-Like MIB
RFC 3636 IEEE 802.3 MAU MIB	RFC 3636	IEEE 802.3 MAU MIB
RFC 4133 Entity MIBv3	RFC 4133	Entity MIBv3
RFC 4188 Bridge MIB	RFC 4188	Bridge MIB



Supported RFC standards	
RFC 4251	The Secure Shell Protocol Architecture (SSH)
RFC 4291	IP Version 6 Addressing Architecture
RFC 4443	Internet Control Message Protocol (ICMPv6)
RFC 4668	RADIUS Authentication Client MIB
RFC 4670	RADIUS Accounting MIB
RFC 5519	Multicast Group Membership Discovery MIB
RFC 7513	DHCP Snooping
RFC 5519	IGMP- and MLD-Snooping
RFC 5519	Unidirectional Link Detection Protocol (UDLD)
RFC 2618	RADIUS Authentication Client MIB
RFC 2737	Entity MIB v2
RFC 3276	RMON Groups 1,2,3 and 9
RFC 1534	Routing Information Protocol - RIPv2
RFC 1534	Interoperation between DHCP and BootP
Scope of delivery	
Manual	Hardware Quick Reference (DE/EN), Installation Guide (DE/EN)
Cable	Serial configuration cable, 1.5m
Cable	Micro-USB configuration cable, 1.0m
Cable	IEC power cord
Power supply (hot-swappable)	 → power supply 1: SPSU-920 (included): 920W → power supply 2: SPSU-920 (optional): 920W for power supply redundancy or maximizing the PoE budget (boost mode)
19" brackets	Two 19" brackets for rackmounting
19" rack rails	Two 19" rack rails for racks of max. 80cm depth



Support	
Warranty extension	LANCOM Limited Lifetime Warranty – replacement service up to the End of Life status of the device (maximum 10 years). For details, please refer to the service and support conditions at: www.lancom.de/www.lancom-systems.com/support-conditions and in the LLW info paper at www.lancom-systems.com/infopaper-llw
Security Updates	Up to the End of Life of the device (see <u>www.lancom-systems.com/product-tables</u>)
Software Updates	Regular free updates including new features as part of the LANCOM Lifecycle Management www.lancom-systems.com/lifecycle)
Manufacturer support	For LANcommunity partners up to the End of Life of the device. For end customers with LANcare Direct or LANcare Premium Support during the LANcare validity
LANcare Direct 24/7 Advanced XL	Direct, prioritized 10/5 manufacturer support incl. 24/7 emergency hotline and security updates for the device, NBD advance replacement with delivery of the device on the next business day (24/7/NBD), guaranteed first response times (SLA) of max. 30 minutes for reporting massive operational disruptions by telephone (priority 1) and max. 4 hours for all other concerns (priority 2), term-based for 1, 3, or 5 years (item no. 10785, 10786 or 10787)
LANcare Direct 24/7 XL	Direct, prioritized 10/5 manufacturer support incl. 24/7 emergency hotline and security updates for the device, guaranteed first response times (SLA) of max. 30 minutes for reporting massive operational disruptions by telephone (priority 1) and max. 4 hours for all other concerns (priority 2), term-based for 1, 3, or 5 years(item no. 10761, 10762 or 10763)
LANcare Direct Advanced 10/5 XL	Direct, prioritized 10/5 manufacturer support and security updates for the device, NBD advance replacement with delivery of the device on the next business day (10/5/NBD), guaranteed first response times (SLA) of max. 2 hours for reporting massive operational disruptions by telephone (priority 1) and max. 4 hours for all other concerns (priority 2), term-based for 1, 3, or 5 years (item no. 10773, 10774 or 10775)
LANcare Direct 10/5 XL	Direct, prioritized 10/5 manufacturer support and security updates for the device, guaranteed first response times (SLA) of max. 2 hours for reporting massive operational disruptions by telephone (priority 1) and max. 4 hours for all other concerns (priority 2), term-based for 1, 3, or 5 years (item no. 10749, 10750 oder 10751)
LANcare NBD Replacement XL	Addition of the Limited Lifetime Warranty with NBD advance replacement with delivery of the device on the next business day in case of hardware defect, item no.61323
LANCOM Management Cloud	
LANCOM LMC-C-1Y LMC License	LANCOM LMC-C-1Y License (1 Year), enables the management of one category C device for one year via the LANCOM Management Cloud, item no. 50106
LANCOM LMC-C-3Y LMC License	LANCOM LMC-C-3Y License (3 Years), enables the management of one category C device for three years via the LANCOM Management Cloud, item no. 50107
LANCOM LMC-C-5Y LMC License	LANCOM LMC-C-5Y License (5 Years), enables the management of one category C device for five years via the LANCOM Management Cloud, item no. 50108
Accessories*	
1000Base-SX SFP module	LANCOM SFP-SX-LC1, item no. 61556
1000Base-SX SFP module	LANCOM SFP-SX2-LC1, item no. 60183



Accessories*	
1000Base-LX SFP module	LANCOM SFP-LX-LC1, item no. 61557
1000Base-LX SFP BiDi module	LANCOM SFP-BiDi1550-SC1, item no. 60201
10GBase-SX SFP module	LANCOM SFP-SX-LC10, item no. 61485
10GBase-LX SFP module	LANCOM SFP-LX-LC10, item no. 61497
10GBase-LX SFP module	LANCOM SFP-LR40-LC10, item no. 60182
10GBase-LX SFP BiDi module	LANCOM SFP-BiDi1310-LC10, item no. 60202
25GBase-SX SFP module	LANCOM SFP-SR-LC25, ArtNr.: 60171
25GBase-LX SFP module	LANCOM SFP-LR-LC25, ArtNr.: 60172
40GBase-SX SFP module	LANCOM SFP-SR-MPO40, ArtNr.: 60173
40GBase-LX SFP module	LANCOM SFP-LR-LC40, ArtNr.: 60174
100GBase-LR4 SFP module	LANCOM SFP-LR-LC100, ArtNr.: 60205
100GBase-SR4 SFP module	LANCOM SFP-SR-MP0100, ArtNr.: 60206
10G Direct Attach Cable 1m	LANCOM SFP-DAC10-1m, ArtNr.: 61495
10G Direct Attach Cable 3m	LANCOM SFP-DAC10-3m, ArtNr.: 60175
40G Direct Attach Cable 1m	LANCOM SFP-DAC40-1m, ArtNr.: 60176
40G Direct Attach Cable 3m	LANCOM SFP-DAC40-3m, ArtNr.: 60177
25G Direct Attach Cable 1m	LANCOM SFP-DAC25-1m, ArtNr.: 60180
25G Direct Attach Cable 3m	LANCOM SFP-DAC25-3m, ArtNr.: 60181
100G Direct Attach Cable 1m	LANCOM SFP-DAC100-1m, ArtNr.: 60203
100G Direct Attach Cable 3m	LANCOM SFP-DAC100-3m, ArtNr.: 60204
Power supply (swappable)	LANCOM SPSU-920, item no. 61498
Fan(swappable)	LANCOM SFAN-XS6, item no. 61491
LANCOM Power Cord (UK)	IEC power cord, UK plug, item no. 61650
LANCOM Power Cord (CH)	IEC power cord, CH plug, item no. 61652
LANCOM Power Cord (US)	IEC power cord, US plug, item no. 61651



Accessories*	
LANCOM Power Cord (AU)	IEC power cord, AU plug, item no. 61653
*) Note	Support for third-party accessories (SFP and DAC) is excluded and cannot be granted
Item number(s)	
	61885

