

	New	New				New					New	New	New										
	LANCOM CS-8132F	LANCOM YS-7154CF	LANCOM XS-6128QF	LANCOM XS-5116QF	LANCOM XS-5110F	LANCOM XS-4530YUP / XS-4554YUP	LANCOM GS-4554XUP	LANCOM GS-4554X / GS-4554XP	LANCOM GS-4530XUP	LANCOM GS-4530X / GS-4530XP	LANCOM XS-3550YUP	LANCOM XS-3526YUP	LANCOM XS-3510YUP	LANCOM GS-3652X / GS-3652XP / GS-3652XUP	LANCOM GS-3252P	LANCOM GS-3628X / GS-3628XUP	LANCOM GS-3528XP	LANCOM GS-3126X / GS-3126XP	LANCOM GS-3510XP / IGS-3510XUP	LANCOM GS-2328F	LANCOM GS-2326+ / GS-2326P+	LANCOM GS-2310 / GS-2310P+	LANCOM GS-1108 / GS-1108P
Item no.	F2B: 61909 B2F: 61910	F2B: 61907 B2F: 61908	61860	61859	61858	61885 / 61886	61884	61869 / 61870	61883	61867 / 61868	61891	61890	61889	61877 / 61878 / 61879	61876	61880 / 61882	61850	61847 / 61848	61849 / 61912	61446	61483 / 61481	61492 / 61440	61457 / 61430
Switch series	Core switch for three-tier campus networks		XS & YS series – Stackable aggregation / distribution switches for hierarchical switch infrastructures			XS-4500 series – Full L3 10G stackable enterprise-class access switches (25G and 100G uplink)	GS-4500 series – Full L3 2.5G stackable enterprise-class access switches (10G and 40G uplink)				XS-3000 series – L3-lite 10G SMB-class access switches (25G uplink)			()GS-3000 series – L3-lite 2.5G SMB-class access switches (10G uplink)					GS-2000 series – L2 1G SMB-class access switches (1G uplink)		Unmanaged Switches		
Hardware features																							
Ports	32x 100G QSFP28	48x 25G SFP28, 6x 100G QSFP28 (thereof 4x Flex (1G / 10G / 25G))	20x 10G SFP+ (thereof 4x SFP+ or 4x 1G / 2.5G / 5G / 10G nBASE-T), 4x 25G SFP28 Flex, 2x 40G QSFP+Flex, 4x 50G SFP-DD-Flex	14x 10G SFP+ (thereof 2x SFP+ or 1G / 2.5G / 5G / 10G), 2x 40G QSFP+	8x 10G SFP+, 2x multi-Giga-bit Ethernet (1G / 2.5G / 5G / 10G)	12x 10G, 12x / 36x 2.5G, 4x 25G SFP28, 2x 100G QSFP28	48x 2.5G, 4x 10G SFP+, 2x 40G QSFP+	12x 2.5G, 36x 1G, 4x 10G SFP+, 2x 40G QSFP+	24x 2.5G, 4x 10G SFP+, 2x 40G QSFP+	12x 2.5G, 12x 1G, 4x 10G SFP+, 2x 40G QSFP+	8x 10G, 40x 1G, 2x 25G SFP28	8x 10G, 16x 1G, 2x 25G SFP28	4x 10G, 4x 1G, 2x 25G SFP28	12x 2.5G, 36x 1G, 4x 10G SFP+	48x 1G, 4x 10G SFP+	12x 2.5G, 12x 1G, 4x 10G SFP+	12x 2.5G, 12x 1G, 4x 10G SFP+	24x 1G, 2x 10G SFP+	4x 2.5G, 4x 1G, 2x 10G SFP+	20x 1G SFP, 4x Combo TP / SFP, 4x 10G SFP+	24x 1G, 2x Combo TP / SFP	8x 1G, 2x Combo TP / SFP	8x 1G
thereof PoE / PoE+ (IEEE 802.3af/at)	-	-	-	-	-	-	24	- / 48	-	- / 24	40	16	4	- / 48 / 36	36	- / 12	24	- / 24	8 / 4	-	- / 24	- / 8	- / 8
thereof PoE++ (IEEE 802.3bt PD-Type 4)	-	-	-	-	-	24 / 48	24	-	24	-	8	8	4	- / - / 12	-	- / 12	-	-	- / 4	-	-	-	-
PoE budget	-	-	-	-	-	720W (w. 2nd PSU 1,440 W)	720 W (w. 2nd PSU 1,440 W)	- / 720 W (w. 2nd PSU 1,440 W)	720 W (w. 2nd PSU 1,440 W)	- / 720 W	720 W (w. 2nd PSU 1,440 W)	720 W	370 W	- / 740 W / 370 W (w. 2nd PSU 1,440 W)	370 W	- / 740 W	370 W	- / 185 W	130 W / 360 W	-	- / 185 W	- / 130 W	- / 60 W
Hot-swappable PSU	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	-	-	- / - / ✓	-	-	-	-	-	-	-	-	-
Serial interface	RJ45, micro-USB	RJ45, micro-USB	RJ45, micro-USB	RJ45, micro-USB	RJ45, micro-USB	RJ45, micro-USB	RJ45, micro-USB	RJ45, micro-USB	RJ45, micro-USB	RJ45, micro-USB	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	DB9	RJ45	RJ45	-
Latency times MAC addresses	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 32K	≤ 4µs 16K	≤ 4µs 32K	≤ 2.9µs 8K	≤ 2.9µs 8K	2.8µs 8K
Max. throughput	6.4 Tbps	3.6 Tbps	1,000 Gbps	440 Gbps	200 Gbps	900 / 1,020 Gbps	480 Gbps	372 Gbps	360 Gbps	324 Gbps	340 Gbps	292 Gbps	188 Gbps	212 Gbps	176 Gbps	164 Gbps	164 Gbps	88 Gbps	68 Gbps	128 Gbps	52 Gbps	20 Gbps	16 Gbps
Functions & services ¹																							
Virtual Port Channel (VPC) & In-service-software-updates (ISSU) for 100% uptime	✓	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stacking for nearly 100% uptime	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Limited Lifetime Warranty (LLW) & DoA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Management																							
Dynamic routing (full layer 3)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Static routing (layer 3 lite)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
DHCP server	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	- ²	- ²	-	-
SNMP v1 v2 v3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Accessories (transceiver modules)																							
1G: SFP-SX-LC1 SFP-SX2-LC1 SFP-LX-LC1	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1G: SFP-CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
1G: SFP-BiDi1550-SC1 10G: SFP-BiDi1310-LC10	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10G: SFP-SX-LC10 SFP-LX-LC10 SFP-LR40-LC10	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10G: SFP-CO10-MG	-	-	✓ max. 4x	✓ max. 4x	✓ max. 4x	✓ max. 2x	✓ max. 2x	✓ max. 2x	✓ max. 2x	✓ max. 2x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x	✓ max. 1x
25G: SFP-LR-LC25 SFP-SR-LC25	-	✓	✓	-	-	✓	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
40G: SFP-LR-LC40 SFP-SR-MPO40	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
100G: SFP-SR-MPO100 SFP-LR-LC100	✓	✓	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accessories (Direct Attach Cable)																							
SFP-DAC10 SFP-DAC25 SFP-DAC40	- - ✓	✓	✓	✓ - ✓	✓ - -	✓	✓ - ✓	✓ - ✓	✓ - ✓	✓ - ✓	✓ ✓ -	✓ ✓ -	✓ ✓ -	✓ - -	✓ - -	✓ - -	✓ - -	✓ - -	✓ - -	✓ - -	✓ - -	✓ - -	✓ - -
SFP-DD-DAC50	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SFP-DAC100	✓	✓	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

✓ available / included - not available / unsuitable

¹ All switches with the exception of the unmanaged switches also have the following (security) functions: QoS (port, TOS/DSCP, 802.1p), RSTP redundancy, MAC address limit per port, IEEE 802.1X access control, Broadcast storm control, and TACACS+

² DHCP relay agent with: DHCP option 66, DHCP option 67, DHCP option 82

You can find the service and support portfolio at www.lancom-systems.com/service-support or in the [service & support overview](#).