LANCOM comparison of switch series

How do the LANCOM switches differ? Find the right series for your requirements here:

Core & aggregation switches

The following applies to all core & aggregation switches:

→ Low TCO thanks to industry-standard ports (no proprietary accessories) and industry-standard CLI
→ High reliability due to redundant, hot-swappable power supplies and fans
→ Including LANCOM Limited Lifetime Waranty

CS-8000 series

100G core switch as a central node in three-tier campus networks

→ High-performance backbone for maximum network resilience
→ Network redundancy and 100 % uptime with support of VRRP, Virtual Port Channel (VPC / MC-LAG), and in-service software upgrades (ISSU)
→ Selectable airflow design (front-to-back / back-to-front)
→ Functional expansion via additional x86 CPU and integrated 64GB SSD

YS-7000 series

25G aggregation / distribution switch with enormous uplink / stacking / VPC capacity in high-availability campus networks

→ Distribution basis for networking subordinate access switches (collapsed core in two-tier networks)
→ Network redundancy and 100 % uptime with VRRP, VPC / MC-LAG, and ISSU or alternatively stacking for almost 100 % uptime with 100G uplink / stacking ports
→ Selectable airflow design (front-to-back / back-to-front)
→ Functional expansion via additional x86 CPU and integrated 32GB SSD

XS-6000 series

10G aggregation / distribution switch with high uplink / stacking / VPC capacity in high-availability campus networks

→ Distribution basis for networking subordinate access switches (collapsed core in two-tier networks)
→ Network redundancy with VRRP, VPC / MC-LAG, and ISSU or alternatively stacking with 50G stacking ports and additional 25G / 40G FleX uplink ports

XS-5000 series

10G aggregation / distribution switches with high uplink or stacking capacity for setting up hierarchical switch infrastructures

→ Distribution basis for networking subordinate access switches
→ Network redundancy thanks to stacking with 40G uplink / stacking ports

Access switches

XS-4500 series

10G stackable enterprise-class access switches with PoE++ (full layer 3)

→ Base for networking Wi-Fi 7 access points
→ PoE++ according to IEEE 802.3bt PD-Type 4 with up to 90 W per port
→ Network redundancy and 100 % uptime with VRRP, VPC / MC-LAG, and ISSU or alternatively stacking with 100G uplink / stacking ports
→ Redundant, hot-swappable power supply units and fans & industry-standard CLI
→ Including LANCOM Limited Lifetime Waranty

GS-4500 series

2.5G stackable enterprise-class access switches (full layer 3)

→ Base for networking Wi-Fi 6(E) access points
→ Variants without PoE, with PoE+ (IEEE 802.3at, 30 W), and with PoE++ (IEEE 802.3bt PD-Type 4, 90 W); 10G uplink ports
→ Network redundancy and almost 100% uptime thanks to stacking with 40G ports
→ Redundant, hot-swappable power supply units and fans & industry-standard CLI
→ Including LANCOM Limited Lifetime Waranty

XS-3000 series

10G SMB-class access switches with PoE++ (layer 3 lite)

→ Base for networking Wi-Fi 7 access points
→ PoE++ according to IEEE 802.3bt PD-Type 4 (90 W per port); 25G uplink ports
→ Proprietary CLI & 5-year replacement service for all components

GS-3000 series / IGS-3000 series

2.5G SMB-class access switches (layer 3 lite)

→ Base for networking Wi-Fi 6(E) access points
→ Variants without PoE, with PoE+ (IEEE 802.3at, 30 W), and with PoE++ (IEEE 802.3bt PD-Type 4, 90 W); 10G uplink ports
→ Proprietary CLI & 5-year replacement service for all components

GS-2000 series

1G SMB-class access switches (layer 2)

→ Variants without PoE and with PoE+ (IEEE 802.3at, 30 W); 5-year replacement

GS-1000 series

1G unmanaged switches as a simple plug & play solution

→ Variants without PoE and with PoE+ (IEEE 802.3at, 30 W); 2-year replacement