

CISCO NETWORKING LICENSES

NXOS-AD-XF

NX-OS Advantage · Perpetual · Nexus 9000 Fixed 10G to 100G Platforms

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock

NXOS-AD-XF

Product Model	NXOS-AD-XF
Category	Cisco Networking Licenses
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Ready-Stock Inventory

3-Year

Warranty

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The NXOS-AD-XF is the Cisco NX-OS Advantage package perpetual tier-based license for Cisco Nexus 9000 Series fixed platform switches, scoped to the XF tier that Cisco defines as 10G, 25G, 40G and 100G fixed platforms.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	NXOS-AD-XF	License package	NX-OS Advantage, perpetual tier-based license
Platform family	Cisco Nexus 9000 Series switches, fixed platforms	Platform tier	XF, defined as 10G, 25G, 40G and 100G fixed platforms
Adjacent platform tiers	GF for 1G fixed platforms, XF2 for Cisco Nexus 9364C and 9300-GX platforms, XF3 for 800G fixed platforms	License term	Perpetual
Portability	DCN perpetual licenses are not portable between devices	License priority	Advantage licenses continue to have priority over the Essentials licenses
Included Essentials routing features	BGP, EIGRP, GRE, IS-IS, MSDP, OSPF, EPBR including ITD and PBR, PIM, SSM, VXLAN BGP EVPN, Microsegmentation, IP Fabric for Media Non-Blocking Multicast, PTP, iCAM, RIP, OFM, NGOAM and VRRP	Included Essentials analytics	Telemetry covering Netflow, sFlow and Analytics
Advantage-only entitlements	Inter AS Option B, Tenant Routed Multicast, SR-MPLS, Layer 3 EVPN over segment routing SRv6, MPLS Layer 3 VPN, VXLAN EVPN Multi-site with border gateways, Multicast NAT, RTP Flow Monitoring and PTP Flow Monitoring	Intelligent Packet Flow	Dynamic Load Balancing, per-packet load balancing, path based WCMP with DLB, policy based forwarding and static pinning, supported from NX-OS 10.5.3(F) and tied to the hardware-profile dlb feature
Security add-on	ACI-SEC-XF, covering MACsec and Secure VXLAN EVPN Multi-Site using CloudSec; it replaces NXOS-SEC-XF, which is no longer orderable	Storage add-on	ACI-STRG, covering FCoE, FC and DCNM/NDFC SAN including SAN Advanced; it replaces NXOS-STRG, which is no longer orderable
Network broker add-on	NXOS-NDB for Nexus Data Broker	Upgrade into this tier	NXOS-UPG-ES-AD-XF= from Essentials and NXOS-UPG-L-AD-XF= from LAN, both scoped to 10G and above platforms
Upgrade beyond this tier	NXOS-ACI-UP-AD-XF= upgrades NX-OS Advantage to ACI Advantage on 10G and above platforms	Modular platform equivalents	NXOS-AD-M4 for 4-slot, NXOS-AD-M8-16 for 8- to 16-slot, NXOS-AD-DM8 for 8-slot distributed, NXOS-AD-CM8 for 8-slot centralized and NXOS-AD-DM4 for 4-slot distributed chassis
Minimum software release	Cisco NX-OS Release 7.0(3)I7(3) for the Essentials, Advantage and add-on licenses on Nexus 9000 Series switches	Nexus 3000 platform support	From Cisco NX-OS Release 9.3(3) the Advantage license added the Cisco Nexus 3132Q excluding the 3132Q-40GE, 3172, 3172PQ, 3172TQ, 31128PQ, 3100-V, 3232C, 3264Q and 3500 switches

Switch mode restriction	The Cisco Nexus 3132Q, 3172, 3172PQ and 3172TQ platform switches support the NX-OS Advantage license only when running in N9K mode, viewable with the show system switch-mode command		
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