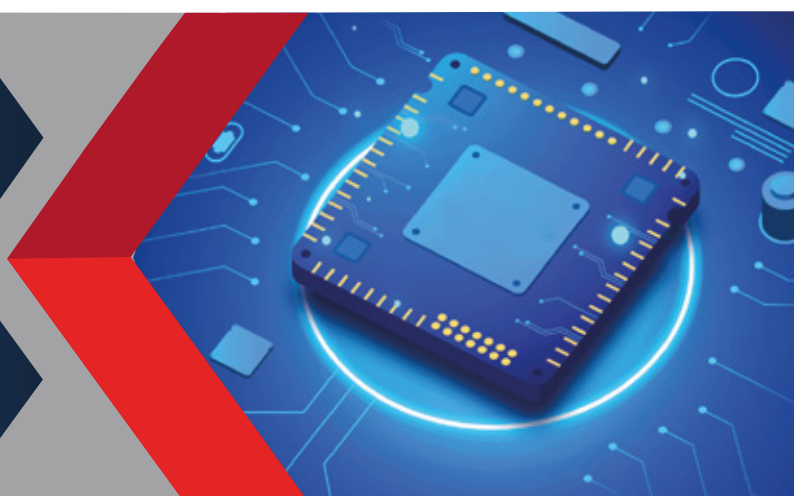


L3 Managed Core Switch NX-M2000-28GX-S16G4



OVERVIEW

NX-M2000-28GX-S16G4 is L3 managed switch with 4*10G Base-X+16*1000 Base-X+Combo Ports. Each RJ45 port supports MDI/MDIX auto flip and wire speed forwarding function. Using store-and-forward mode, combined with QOS technology, providing improved ease of use, highly secure business operations, improved sustainability, and a borderless network experience.

FEATURES HIGHLIGHTS

- > Layer 3 Core Switch
- > 4*10G Base-X+16*1000 Base-X+8*1000 Combo
- > Combined with QOS technology
- > Report : CCC/CE/FCC/RoHS
- > Highly secure business operations
- > MTBF : 100000 Hours



TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-M2000-28GX-S16G4
Provider Mode Ports	
Fixed port	4*10G Base-X+16*1000 Base-X+8*1000 Combo
Management Port	Support console
Power interface	220V/AC
LED Indicators	PWR, SYS, Link/ACT LED
Cable type & Transmission distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Mono mode optical fiber	20/40/60/80/100KM
Multi mode optical fibre	550m



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TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-M2000-28GX-S16G4
Network Topology	
Ring topology	support
Star topology	support
Bus topology	support
Tree Topology	support
Hybird Topology	support
Electrical Specifications	
Input voltage	AC 100-240V 50/60Hz
Total Power consumption	≤40W
Layer 2 Switching	
Switching capacity	128G
Packet forwarding rate	95.23Mpps
MAC address table	16 K
Buffer	12Mbit
Forwarding delay	<10us
MDX/MIDX	Support
VLAN	4K
GVRP	Support
Protocol VLAN	Support
Voice VLAN	Support
Surveillance VLAN	Support
MAC VLAN	Support
Ether channel/ 802.3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support



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TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-M2000-28GX-S16G4
Jumbo frame	Support 10K byte
DHCP Server	Support
DHCP Client	Support
DNS Client	Support
SNTP Client	Support
Port Statistics	Support
Protected Ports	Support
iEEE	Support
Ethernet Ring Protection Switching	Support
LLDP	Support
LLDP 802.1 TLV	Support
MSTP / RSTP / STP	Support
STP BPDU Filter	Support
STP BPDU guard	Support
STP Port Fast	Support
IGMP Snooping	Support
MLD Snooping	Support
MVR	Support
Layer 3 Route	
IPV4 Managed	Support
IPV6 Managed	Support
IPV4 Dynamic Routing	OSPF, RIP
Static Routes IPv6	Support
ARP	Support
Loopback Interface	Support



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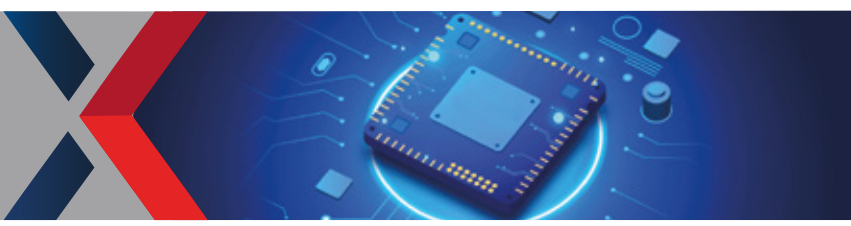


TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-M2000-28GX-S16G4
Convergence	
ACL	Support MAC Standard/ Expand ACL Support IPv4 Standard/ Expand ACL Support IPv6 Standard/ Expand ACL
QOS	Support QOS Remark Support Port Trust Support Port Speed Limited Support Port Queue Limited Support SP, WRR Support COS Mapping, DSCP Mapping, IP Priority Mapping
Management	
User Management	Support
System Log	Support
Upgrade Firmware	Support
Configuration File Download /Upload	Support
SNMP	Support SNMP V1/V2/V3
WEB Managed	Support
Console	Support
CLI	Support
Telnet/SSH	Support
RMON	Support
Security	
Managed Channel Configuration	Support
AAA Certification	Support
802.1X Certification	Support
MAC-Based Certification	Support
WEB-Based Certification	Support
Dos Proof	Support
ARP Detection	Support
DHCP Snooping	Support
IP Source Guard	Support
Port Security	Support
Protected Ports	Support
Storm control	Support



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TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-M2000-28GX-S16G4
Equipment diagnosis	
Console Log	Support
RAM Log	Support
Flash Log	Support
Port Mirror	Support 1 : 1 or 1 : M
Ping	Support
Trace route	Support
Port Detection	Support
Optical Module	Support
Optical Module	Support
Environment	
Temperature	Working Temp : -10°C ~ 55°C Storage Temp : -40°C ~ 75°C
Relative humidity	Working Humidity : 10% ~90% RH Storage Humidity : 5% ~90% RH
Thermal methods	Fan
MTBF	100,000 Hours
Mechanical Dimensions	
Product size	440*280*44mm
Installation Method	Rack-Mount
Weight	3.1KG
EMC & Ingress Protection	
Surge protection of Power	IEC 61000-4-5 Level 4 (6KV/4KV)
Surge protection of Ethernet port	IEC 61000-4-5 Level 4 (6KV/4KV)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Accessories	
Accessories	Device, Terminals, Specification, Certificate ,Adapter(optional)

