NODEXON™
redefining networks
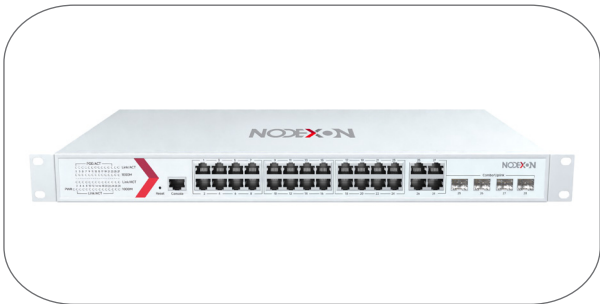
Gigabit
Managed Switch
NX-M2000-28G-S4

OVERVIEW

NX-M2000-28G-S4 is L3 managed switch with 24 10/100/1000Mbps adaptive RJ45 ports and 4 Gigabit combo ports. Each RJ45 port supports automatic rollover and wire speed forwarding capabilities. The storage and forwarding mode, combined with QoS technology, ensures that the bandwidth is effectively allocated to each port, providing stable and reliable power supply and data transmission.

FEATURES HIGHLIGHTS

❯ 4* 1000 Combo+24* 10/100/1000 Base ─ T

❯ Anti-Static Power: 8KV-15KV

❯ Heat Dissipation Mode: no fan design, natural heat dissipation

❯ MTBF: 100,000 hours

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-M2000-28G-S4
Fixed port	4* 1000 Combo+24* 10/100/1000 Base ─ T
Management Port	Support console
Power interface	AC interface
LED Indicators	PWR，SYS，Link/ACT LED
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-M2000-28G-S4
Ring topology	support
Star topology	support
Bus topology	support
Tree Topology	support
Hybird Topology	support
Input voltage	AC 100-240V 50/60Hz
Total Power consumption	≤20 W
Switching capacity	56Gbps
Packet forwarding rate	41.616Mpps
MAC address table	8K
Buffer	4.1Mbit
Forwarding delay	<10us
MDX/MIDX	Support
VLAN	256
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
Jumbo frame	Support 10K byte
DHCP Server	Support

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TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-M2000-28G-S4
DHCP Client	Support
DNS Client	Support
SNTP Client	Support
Port Statistics	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
DHCP interface priority IP binding	Support
Device Scaning	Support
IPV4 management address	Support
IPV6 management address	Support
Static Routes IPv4	32 supported
Static Routes IPv6	32 supported
ARP	Support
Loopback Interface	Support
DHCP Server	Support
DNS Server	Support
DNS Client	Support

Datasheet

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TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-M2000-28G-S4
ACL	Supports MAC standard/extended ACL
	IPv4Supports IPv4 standard/extended ACL
	IPv4Supports IPv6 standard/extended ACL
QOS	QOS remarking is supported
	Support Port Trust
	Support Port Speed Limited
	Support Port Queue Limited
	Support SP, WRR scheduling algorithm
	Support COS Mapping，DSCP Mapping，IP Priority Mapping
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
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-M2000-28G-S4
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
UDLD Protocol	Support
Temperature	Operating temperature: -10°C to 50°C Storage temperature: -40°C to 75°C
Relative humidity	Operating humidity: 10% to 90% RH Storage humidity: 5% to 90% RH
Thermal methods	Fanless design, natural heat dissipation
MTBF	100,000 hours
Product size	440*280*44mm
Installation Method	Rack Mount
Weight	3.6KG
Surge protection of Power	Common mode 4KV, differential mode 2KV
Surge protection of Ethernet port	Common mode 6KV, differential mode 2KV
ESD	Touch 8K，Air 15K
Free fall	0.5m
Accessories	Equipment, power cord, certificate, manual