



MAIN FEATURES	
P/N	XPTN-9000-87-4GX16GT-VX
Fixed port	4*1000 Base-X, 16*10/100/1000 Base-T
Management	Yes
PoE Support	No
Input Voltage	DC 12-58V
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Thermal methods	Fanless design, natural cooling
MTBF	100,000 hours
Certificates	CCC/CE/FCC/RoHS

SPECIFICATION

Provider Mode Ports		
Business interface (Fixed port)	4*1000 Base-X, 16*10/100/1000 Base-T	
Management Port	Support console	
Power interface	Phoenix terminal, dual power supply redundancy	
LED lights (LED Indicators)	PWR, Link/ACT LED	
Cable type&Transmission distance		
Twisted-pair	0-100m (CAT5e,CAT6)	
Monomode optical fiber	20/40/60/80/100 Km	
Multimode optical fiber	550 m	
Network Topology		
Ring topology	Support	
Star topology	Support	
Bus topology	Support	
Tree Topology	Support	
Hybrid topology	Support	
Electrical Specifications		
Input voltage	DC 12-58V	
Total Power consumption	<26W	
PoE Support		
PoE port	UnSupport	
PoE Protocol	UnSupport	
PoE pin assignment	UnSupport	
PoE management	UnSupport	
Layer 2 Switching		
Switching capacity	68G	

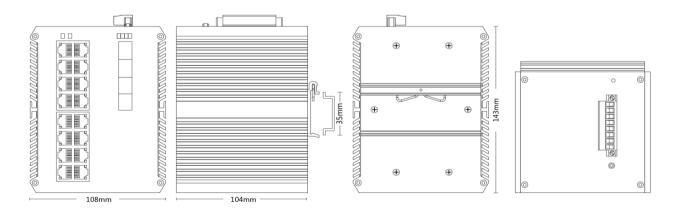
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MAC address table 16K Support 4K Support 5K Support 5K Support 5K Support 5K Support 5K Support 6K Support 6K Support 6K Support 7K Sup	Packet forwarding rate	50.59 Mpps
Buffer 12M Forwarding delay <10 µs MDX/MIDX Support Flow control Support Jumbo Frame Support 10 Kbytes Spanning Tree Protocol Support SPRSTP/MSTP King Protocol Support 12 groups Multicast Support Multicast Multicast Support Multicast Multicast Support Multicast Multicast Support Multicast Multicas	MAC address table	16K
Forwarding delay <10 us MDX/MIDX Support Flow control Support Support 10 Kbytes Spanning Tree Protocol Support 57F/RSTP/MSTP Ring Protocol Support 12 groups Multicast Support 18 groups Multicast Support 18 groups Storm Control Support Storm Control Support Storm Control Support Readius/Mac certification Support Readius/Mac certification Support Remon Support MTP client Support DHCP sinooping Support DHCP snooping Support DHCP snooping Support Support Support Support Support Support Support Support Management CLUI Support Management P Support Support Support Support Support Support Support Support PP standard ACL; Support MAC extended ACL; Support IP extended ACL Support Qos're-marking and priority mapping; Support SP, WiRR queue scheduling; Support sertenace speed limit and exit speed limit; Support flow-based Qos' Management Command line (CLI) Support Management Serial port (Console) Support WEB management Support	VLAN Support	Support 4K
MDX/MIDX Support Flow control Support Sypport MAC extended ACL; Sypport IP extended ACL; Sypport IP extended ACL Sypport Syp	Buffer	12M
Flow control Jumbo Frame Support 10 Kbytes Spanning Tree Protocol Support STP/RSTP/MSTP Ring Protocol Support 12 groups Multicast Support IGMP Snooping Multicast Support IGMP Snooping Storm Control Support Storm Control Support Support Support Storm Control Support Siz static routes Convergence Convergence Support Qos're-marking and priority mapping: Support Support IP standard ACL; Supp	Forwarding delay	<10 μs
Jumbo Frame Support 10 kbytes Spanning Tree Protocol Support STP/RSTP/MSTP Ring Protocol Support RPS Link Aggregation Support 12 groups Multicast Support IGMP Snooping Port Mirroring Support Storm Control Support Interface Counters Support Radius/Mac certification Support Radius/Mac certification Support Radius/Mac certification Support Rmon Support Port Solation Support Phor Brooping Support Phic Pelient Support DHCP client Support DHCP client Support DHCP snooping Support Phig/tracert detection Support Layer 3 Router Static routing Support S12 static routes Convergence Quality of Service (QOS) Support Rough and priority mapping; Support Row-based QoS Management Command line (CLI) Support Ver B management Support Support Support Support Support Support ACL 500; Support IP standard ACL; Support Row-based QoS Management Command line (CLI) Support Support Support Support Support	MDX/MIDX	Support
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Multicast Support IGMP Snooping Port Mirroring Support Storm Control Support Interface Counters Support QINQ Support Radius/Mac certification Support Port Isolation Support Rmon Support Rmon Support Rmon Support BHCP client Support BHCP shooping Support DHCP shooping Support Optical module DDM Support Layer 3 Router Static routing Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP standard ACL; Support Supp	Ring Protocol	Support ERPS
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Convergence Access Control List (ACL) Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP extended ACL Quality of Service (QOS) Support QoS re-marking and priority mapping; Support SP, WRR queue scheduling; Supports entrance speed limit and exit speed limit; Support flow-based QoS Management Command line (CLI) Support Management serial port (Console) Support Telnet /SSH Support WEB management Support Management IP Support IPV4/IPV6 SNMP Support SNMPV1/v2c/v3 User Management Support	Layer 3 Router	
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Management serial port (Console) Telnet /SSH Support WEB management Support Support IPV4/IPV6 SNMP Support SNMPv1/v2c/v3 User Management Support	Management	
Telnet /SSH Support Support Management IP Support IPV4/IPV6 SNMP Support SNMPv1/v2c/v3 User Management System Log Support Support Support Support Support Support Support	Command line (CLI)	Support
WEB management Management IP Support IPV4/IPV6 SNMP Support SNMPv1/v2c/v3 User Management Support System Log Support Support Support Support Support	Management serial port (Console)	Support
Management IP Support IPV4/IPV6 SNMP Support SNMPv1/v2c/v3 User Management Support System Log Support Support Support Support	Telnet /SSH	Support
SNMP Support SNMPv1/v2c/v3 User Management Support System Log Support File upgrade Support	WEB management	Support
User Management Support System Log Support File upgrade Support	Management IP	Support IPV4/IPV6
System Log Support File upgrade Support	SNMP	Support SNMPv1/v2c/v3
File upgrade Support	User Management	Support
	System Log	Support
Firmware upgrade Support	File upgrade	Support
	Firmware upgrade	Support

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Environmental conditions (Environment)		
Operating temperature	-40° C $^{\sim}$ +75 $^{\circ}$ C The device is tested for 8 hours at temperatures in 85 $^{\circ}$ C	
Storage temperature	-40°C ~ +85°C	
Relative humidity	5%~95% non-condensing	
Thermal methods	Fanless design, natural cooling	
MTBF	100,000 hours	
Mechanical Dimensions		
Product size	108*104*143 mm	
Installation Method	Rail installation, wall-mounted installation	
Weight	1.3 Kg	
Protection (EMC & INGRESS PROTECTION)		
IP Level	IP50	
Surge protection of Power	IEC 61000-4-5 Level X (10KV/10KV) (8/20us)	
Surge protection of Ethernet port	IEC 61000-4-5 Level X (6KV/4KV) (10/700us)	
RS	IEC 61000-4-3 Level 3 (10V/m)	
EFI	IEC 61000-4-4 Level 3 (1V/2V)	
CS	IEC 61000-4-6 Level 3 (10V/m)	
PFMF	IEC 61000-4-8 Level4 (30A/m)	
DIP	IEC 61000-4-11 Level3 (10V)	
ESD	IEC 61000-4-2 Level 4 (8K/15K)	
Free fall	0.5m	
Authentication	Inspection reports and network access licenses from the Ministry of Public Security and the Ministry of Industry and Information Technology	
Certificates	CCC/CE/FCC/RoHS	
Accessories		
Accessories	Equipment, terminals, certificate, instructions, Adapter (optional)	

SIZE AND APPEARANCE



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