



## MAIN FEATURES

|                        |                                     |
|------------------------|-------------------------------------|
| <b>P/N</b>             | XPTN-9000-85-1GX4GT-VX              |
| <b>Fixed port</b>      | 1*1000 Base-X, 4*10/100/1000 Base-T |
| <b>Management</b>      | Yes                                 |
| <b>PoE Support</b>     | No                                  |
| <b>Input Voltage</b>   | DC12-58V                            |
| <b>ESD</b>             | IEC 61000-4-2 Level 4 (8K/15K)      |
| <b>Thermal methods</b> | Fanless design                      |
| <b>MTBF</b>            | 100,000 hours                       |
| <b>Authentication</b>  | CCC/CE/FCC/RoHS                     |

## SPECIFICATION

| Provider Mode Ports                |   |
|------------------------------------|---|
| Fixed port                         | 1*1000 Base-X, 4*10/100/1000 Base-T           |
| Management Port                    | Support console                               |
| Power interface                    | Phoenix terminal, redundant dual power supply |
| 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                      | DC12-58V                                      |
| Total Power consumption            | <10W  |
| PoE Support                        |   |
| PoE port                           | Unsupport                                     |
| PoE Protocol                       | Unsupport                                     |
| Pin Assignment                     | Unsupport                                     |
| PoE Management                     | Unsupport                                     |
| Layer 2 Switching                  |   |
| Switching capacity                 | 36G   |

|                                    |   |
|------------------------------------|---|
| Packet forwarding rate             | 26.78 Mpps  |
| MAC address table                  | 16K   |
| VLAN                               | Support 4K  |
| Buffer                             | 12M   |
| Forwarding delay                   | <10 $\mu$ s   |
| MDX/MIDX                           | Support   |
| Flow control                       | Support   |
| Jumbo Frame                        | Support 10 Kbytes   |
| Spanning Tree                      | Support STP/RSTP/MSTP   |
| Ring Protocol                      | Support ERPS  |
| Link Aggregation                   | Support 12 group  |
| Multicast                          | Support IGMP Snooping   |
| Port Mirroring                     | Support   |
| Storm Control                      | Support   |
| Interface Counters                 | Support   |
| QINQ                               | Support   |
| WatchDog                           | -   |
| 802.1X                             | Support   |
| MAC Authentication                 | Support   |
| Port Isolation                     | Support   |
| Rmon                               | Support   |
| NTP client                         | Support   |
| DHCP CLIENT                        | Support   |
| DHCP snooping                      | Support   |
| PING/TRACEROUT                     | Support   |
| Dying gasp                         | Support   |
| DDM                                | Support   |
| Port Isolation                     | Support   |
| <b>Convergence</b>                 |   |
| ACL                                | Support ACL 500; Support IP standard ACL; Support MAC expand ACL; Support IP expand ACL   |
| QoS                                | Support QoS re-marking, priority mapping; Support SP, WRR queue scheduling; Support egress rate-limited, egress rate-limit; Support Policy- Based QoS |
| <b>Management</b>                  |   |
| CLI                                | Support   |
| Console                            | Support   |
| Telnet                             | Support   |
| WEB management                     | Support   |
| Management IP                      | Support IPV4/IPV6   |
| SNMP                               | Support SNMPv1/v2c  |
| User Management                    | Support   |
| System Log                         | Support   |
| Configuration File Download/Upload | Support   |
| Upgrade Firmware                   | Support   |

| Environment                       |  |
|-----------------------------------|--|
| Operating temperature             | -40°C ~ +75°C The device is tested for 8 hours at temperatures in 85°C |
| Storage temperature               | -40°C ~ +85°C  |
| Relative humidity                 | 5% ~ 95% non-condensing  |
| Thermal methods                   | Fanless design   |
| MTBF                              | 100,000 hours  |
| Mechanical Dimensions             |  |
| Product size                      | 65*104*143 mm  |
| Installation Method               | DIN-rail   |
| Weight                            | 0.85 Kg  |
| EMC & Ingress Protection          |  |
| IP Level                          | IP50   |
| Surge protection of Power         | IEC 61000-4-5 Level X (10KV/10KV) (8/20 μs)                            |
| Surge protection of Ethernet port | IEC 61000-4-5 Level X (6KV/4KV) (10/700 μs)                            |
| 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 Level 4 (30A/m)  |
| DIP                               | IEC 61000-4-11 Level 3 (10V)   |
| ESD                               | IEC 61000-4-2 Level 4 (8K/15K)   |
| Free fall                         | 0.5m   |
| Authentication                    |  |
| Authentication                    | CCC/CE/FCC/RoHS  |
| Accessories                       |  |
| Accessories                       | Device, Terminals, Specification, Certificate; Adapter (Optional)      |

## SIZE AND APPEARANCE

