

# EDS-728

▶ Award-winning Product



reddot design award  
honourable mention 2008



## 24+4G-port Gigabit modular managed Ethernet switch



- > 4 Gigabit plus 24 fast Ethernet ports for copper and fiber
- > Turbo Ring, Turbo Chain, RSTP/STP, and MSTP\* for network redundancy
- > TACACS+\*, SNMPv3, IEEE 802.1X, HTTPS, and SSH to enhance network security
- > Easy network management by web browser, CLI\*, Telnet/serial console, Windows utility, and ABC-01

\*Available in Q3, 2011



IndustrialIT<sup>®</sup>  
enabled



### Introduction

The EDS-728 modular Gigabit Ethernet switch features a versatile modular design that allows different combinations of fiber and copper modules, creating a wide array of connection options ideal for any automation network. The modular design lets you install up to 4 Gigabit ports and 24 fast Ethernet ports. The EDS-728 is specially designed for redundant Gigabit network backbones and uses a modular configuration to provide a high degree of flexibility for

network expansion. Top network performance, security, and reliability is assured through the EDS-728's advanced management and security features. The EDS-728 also features industrial-grade construction, a console port for automatic configuration backup, and an angled LED troubleshooting panel that can be conveniently viewed from both horizontal and vertical orientations.

### Features and Benefits

- Command Line Interface (CLI) for quickly configuring major managed functions\*
- Supports advanced VLAN capability with Q-in-Q tagging\*
- IPv6 Ready logo awarded (IPv6 Logo Committee certified)
- IEEE 1588 PTP V2\* (Precision Time Protocol) for precise time synchronization of networks
- DHCP Option 82 for IP address assignment with different policies
- Support EtherNet/IP\* and Modbus/TCP protocols for device management and monitoring
- Compatible with EtherNet/IP and PROFINET protocols for transparent data transmission
- Redundant Gigabit Turbo Ring, Turbo Chain, RSTP/STP, and MSTP\* for network redundancy
- IGMP snooping and GMRP for filtering multicast traffic
- IEEE 802.1Q VLAN and GVRP protocol to ease network planning
- QoS (IEEE 802.1p/1Q) and TOS/DiffServ to increase determinism
- Port Trunking for optimum bandwidth utilization
- TACACS+\*, SNMPv3, IEEE 802.1X, HTTPS, and SSH to enhance network security
- SNMPv1/v2c/v3 for different levels of network management
- RMON for efficient network monitoring and proactive capability
- Bandwidth management prevents unpredictable network status
- Lock port for only authorized MAC address access
- Port mirroring for online debugging
- Automatic warning by exception through e-mail, relay output
- Digital inputs to integrate sensors and alarms with IP networks
- Redundant, dual DC power inputs
- Configurable by Web browser, Telnet/Serial console, CLI\*, Windows utility, and ABC-01 automatic backup configurator

\*Available in Q3, 2011

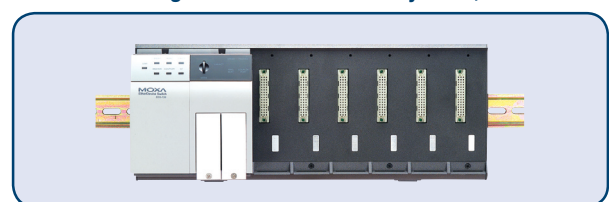
### Specifications

#### Technology

##### Standards:

IEEE 802.3 for 10BaseT  
IEEE 802.3u for 100BaseT(X) and 100BaseFX  
IEEE 802.3ab for 1000BaseT(X)  
IEEE 802.3z for 1000BaseX  
IEEE 802.3x for Flow Control  
IEEE 802.1D-2004 for Spanning Tree Protocol\*  
IEEE 802.1w for Rapid STP  
IEEE 802.1s for Multiple Spanning Tree Protocol\*  
IEEE 802.1Q for VLAN Tagging  
IEEE 802.1p for Class of Service  
IEEE 802.1X for Authentication  
IEEE 802.3ad for Port Trunk with LACP

#### Modular Managed Ethernet Switch System, EDS-72810G



**Protocols:** IGMPv1/v2, GMRP, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, BootP, TFTP, SNTP, SMTP, RARP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH, SNMP Inform, EtherNet/IP\*, Modbus/TCP, LLDP, IEEE 1588 PTP V2\*, IPv6, NTP Server/Client\*

**MIB:** MIB-II, Ethernet-Like MIB, P-BRIDGE MIB, Q-BRIDGE MIB, Bridge MIB, RSTP MIB, RMON MIB Group 1, 2, 3, 9  
**Flow Control:** IEEE 802.3x flow control, back pressure flow control  
*\*Available in Q3, 2011*

### Switch Properties

**Priority Queues:** 4  
**Max. Number of Available VLANs:** 64  
**VLAN ID Range:** VID 1 to 4094  
**IGMP Groups:** 256  
**MAC Table Size:** 16 K  
**Packet Buffer Size:** 32 MB

### Interface

**Fast Ethernet:** 6 slots for any combination of 4-port interface modules, 10/100BaseT(X) or 100BaseFX  
**Gigabit Ethernet:** 2 slots for any combination of 2-port interface modules, 10/100/1000BaseT(X) or 1000BaseSFP slot  
**System LED Indicators:** STAT, PWR1, PWR2, FAULT, MSTR/HEAD, CPLR/TAILO, T.RING  
**Mode LED Indicators:** LNK/ACT, FDX/HDX, RING PORT, COUPLER PORT, SPEED  
**Alarm Contact:** 2 relay outputs with current carrying capacity of 1 A @ 24 VDC  
**Digital Inputs:** 2 inputs with the same ground, but electrically isolated from the electronics.  
 • +13 to +30V for state "1"  
 • -30 to +3V for state "0"  
 • Max. input current: 8 mA  
**Power Requirements**  
**Input Voltage:** 24 VDC (12 to 45 VDC), redundant dual inputs  
**Input Current:** 0.96 A @ 24 V  
**Overload Current Protection:** Present

**Connection:** 2 removable 6-contact terminal blocks  
**Reverse Polarity Protection:** Present

### Physical Characteristics

**Housing:** IP30 protection  
**Dimensions:** 362.4 x 142.5 x 128 mm (14.27 x 5.61 x 5.04 in)  
**Weight:** 1950 g  
**Installation:** DIN-Rail mounting, wall mounting (with optional kit)

### Environmental Limits

**Operating Temperature:** 0 to 60°C (32 to 140°F)  
**Storage Temperature:** -40 to 85°C (-40 to 185°F)  
**Ambient Relative Humidity:** 5 to 95% (non-condensing)

### Standards and Certifications

**Safety:** UL 508, UL 60950-1, CSA C22.2 No. 60950-1, EN 60950-1  
**EMI:** FCC Part 15 Subpart B Class A, EN 55022 Class A  
**EMS:**  
 EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3,  
 EN 61000-4-4 (EFT) Level 4, EN 61000-4-5 (Surge) Level 4,  
 EN 61000-4-6 (CS) Level 3, EN 61000-4-8, EN 61000-4-12  
**Marine:** DNV, GL, LR, ABS, NK  
**Shock:** IEC 60068-2-27  
**Freefall:** IEC 60068-2-32  
**Vibration:** IEC 60068-2-6  
*Note: Please check Moxa's website for the most up-to-date certification status.*

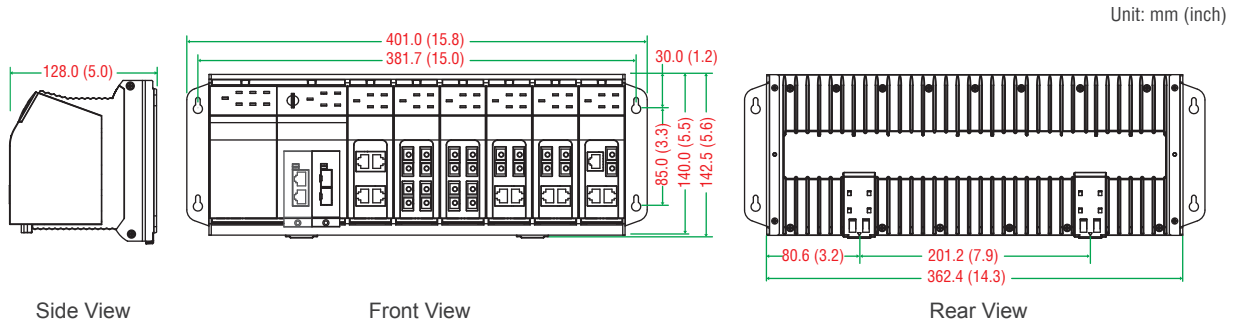
### MTBF (mean time between failures)

**Time:** 160,000 hrs  
**Database:** Telcordia (Bellcore), GB

### Warranty

**Warranty Period:** 5 years  
**Details:** See [www.moxa.com/warranty](http://www.moxa.com/warranty)

### Dimensions



## : Ordering Information

Step 1: Select Ethernet switch system

EDS-72810G



Step 2: Select interface modules

IM series  
(Gigabit or fast Ethernet)

*Note: The EDS-72810G switch system is delivered without interface modules. Please see page 1-20 for product information related to the IM series Gigabit and fast Ethernet interface modules.*

### Available Models

**EDS-72810G:** Modular managed Ethernet switch system with 6 slots for 4-port fast Ethernet interface modules and 2 slots for 2-port Gigabit interface modules, for up to 24+4G ports

### Optional Accessories (can be purchased separately)

**MXview:** Moxa industrial network management software with 50, 100, 250, 500, or 1000 nodes

**EDS-SNMP OPC Server Pro:** OPC server software that works with all SNMP devices

**ABC-01:** Configuration backup and restoration tool for managed Ethernet switches, 0 to 60°C operating temperature

**DR-4524/75-24/120-24:** 45/75/120 W DIN-Rail 24 VDC power supplies

**MDR-40-24/60-24:** 40/60 W DIN-Rail 24 VDC power supplies, -20 to 70°C operating temperature

**WK-32:** Wall mounting kit for the EDS-728/828 series

**RK-4U:** 4U-high 19" rack mounting kit

### Package Checklist

- EDS-728 switch
- RJ45 to DB9 console port cable
- Documentation and software CD
- Hardware installation guide (printed)
- Warranty card

# IM Series

## 2-port Gigabit Ethernet and 4-port fast Ethernet interface modules for EDS-728/828 series Ethernet switches

### Specifications

#### Gigabit Ethernet Interface Modules, IM-2G Series



IM-2GTX

IM-2GSFP

#### Interface

**Fiber Ports:** 1000BaseSFP slot

**RJ45 Ports:** 10/100/1000BaseT(X) auto negotiation speed and auto MDI/MDI-X connection

**LED Indicators:** Port status

Note: Please see page 1-87 for product information related to the SFP-1G series of Gigabit Ethernet SFP modules.

#### Power Requirements

**Power Consumption (@ 24 V):**

IM-2GTX: 2.96 W

IM-2GSFP: 3.04 W

#### Physical Characteristics

**Dimensions:** 24 x 65.9 x 101.1 mm (0.94 x 2.59 x 3.98 in)

**Weight:**

IM-2GTX: 150 g

IM-2GSFP: 148 g

**Time:**

IM-2GTX: 417,521 hrs

IM-2GSFP: 424,955 hrs

**Database:** MIL-HDBK-217F, GB 25°C

#### Fast Ethernet Interface Modules, IM Series



IM-4TX

IM-2MSC/2TX  
IM-2SSC/2TX

IM-2MST/2TX

IM-1LSC/3TX

IM-4MSC  
IM-4SSC

IM-4MST

#### Interface

**Fiber Ports:** 100BaseFX ports (SC/ST connector)

**RJ45 Ports:** 10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection

**LED Indicators:** PWR, P1, P2, P3, P4 port status

#### Optical Fiber

|                  | 100BaseFX                              |                    |                       |
|------------------|----------------------------------------|--------------------|-----------------------|
|                  | Multi Mode                             | Single Mode        | Single Mode,<br>80 km |
| Wavelength       | 1300 nm                                | 1310 nm            | 1550 nm               |
| Max. TX          | -10 dBm                                | 0 dBm              | 0 dBm                 |
| Min. TX          | -20 dBm                                | -5 dBm             | -5 dBm                |
| RX Sensitivity   | -32 dBm                                | -34 dBm            | -34 dBm               |
| Link Budget      | 12 dB                                  | 29 dB              | 29 dB                 |
| Typical Distance | 5 km <sup>a</sup><br>4 km <sup>b</sup> | 40 km <sup>c</sup> | 80 km <sup>d</sup>    |
| Saturation       | -6 dBm                                 | -3 dBm             | -3 dBm                |

a. 50/125 μm, 800 MHz\*km fiber optic cable

b. 62.5/125 μm, 500 MHz\*km fiber optic cable

c. 9/125 μm single-mode fiber optic cable

d. 9/125 μm single-mode fiber optic cable (80 km)

#### Power Requirements

**Power Consumption (@ 24 V):**

IM-4TX: 1.52 W

IM-2MSC/2TX: 2.43 W

IM-2MST/2TX: 2.43 W

IM-2SSC/2TX: 2.43 W

IM-1LSC/3TX: 2.5 W

IM-4MSC: 6.6 W

IM-4MST: 6.6 W

IM-4SSC: 6.6 W

#### Physical Characteristics

**Housing:** IP30 protection

**Dimensions:** 40 x 127.8 x 100 mm (1.57 x 5.03 x 3.94 in)

**Weight:**

IM-4TX: 215 g

IM-2MSC/2TX: 245 g

IM-2MST/2TX: 250 g

IM-2SSC/2TX: 245 g

IM-1LSC/3TX: 235 g

IM-4MSC: 250 g

IM-4MST: 270 g

IM-4SSC: 270 g

**MTBF** (mean time between failures)

**Time:** 620,000 hrs

**Database:** MIL-HDBK-217F, GB 25°C

#### Warranty

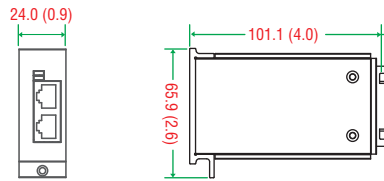
**Warranty Period:** 5 years

**Details:** See [www.moxa.com/warranty](http://www.moxa.com/warranty)

## Dimensions

Unit: mm (inch)

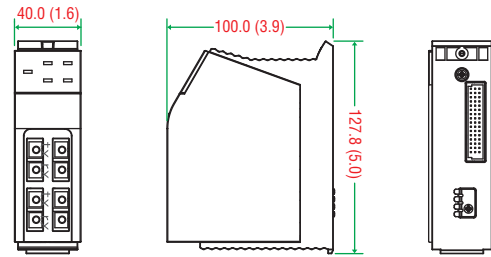
### Gigabit Ethernet Interface Modules



Front View

Side View

### Fast Ethernet Interface Modules



Front View

Side View

Rear View

## Ordering Information

| Available Models<br>(0 to 60°C) | Port Interface      |              |                |                             |                             |                              |                                        |
|---------------------------------|---------------------|--------------|----------------|-----------------------------|-----------------------------|------------------------------|----------------------------------------|
|                                 | Gigabit Ethernet    |              | Fast Ethernet  |                             |                             |                              |                                        |
|                                 | 10/100/1000BaseT(X) | 1000BaseSFP* | 10/100BaseT(X) | 100BaseFX                   |                             |                              |                                        |
|                                 |                     |              |                | Multi-mode,<br>SC Connector | Multi-mode,<br>ST Connector | Single-mode,<br>SC Connector | Single-mode,<br>SC Connector,<br>80 km |
| IM-2G Series                    |                     |              |                |                             |                             |                              |                                        |
| IM-2GTX                         | 2                   | –            | –              | –                           | –                           | –                            | –                                      |
| IM-2GSFP                        | –                   | 2            | –              | –                           | –                           | –                            | –                                      |
| IM Series                       |                     |              |                |                             |                             |                              |                                        |
| IM-4TX                          | –                   | –            | 4              | –                           | –                           | –                            | –                                      |
| IM-4MSC                         | –                   | –            | –              | 4                           | –                           | –                            | –                                      |
| IM-4MST                         | –                   | –            | –              | –                           | 4                           | –                            | –                                      |
| IM-2MSC/2TX                     | –                   | –            | 2              | 2                           | –                           | –                            | –                                      |
| IM-2MST/2TX                     | –                   | –            | 2              | –                           | 2                           | –                            | –                                      |
| IM-4SSC                         | –                   | –            | –              | –                           | –                           | 4                            | –                                      |
| IM-2SSC/2TX                     | –                   | –            | 2              | –                           | –                           | 2                            | –                                      |
| IM-1LSC/3TX                     | –                   | –            | 3              | –                           | –                           | –                            | 1                                      |

\* Please see page 1-87 for product information related to the SFP-1G series Gigabit Ethernet SFP modules.

### Package Checklist

- IM series interface modules
- Warranty card

# SFP-1G Series

## 1-port Gigabit Ethernet SFP modules



- > IEEE 802.3z compliant
- > Differential LVPECL inputs and outputs
- > TTL signal detect indicator
- > Hot pluggable LC duplex connector
- > Class 1 laser product, complies with EN 60825-1



## Specifications

### Interface

Ethernet Ports: 1

Connectors: Duplex LC Connector or Simplex LC Connector (WDM-type only)

Note: WDM-type SFP modules must be used in pairs (e.g., SFP-1GXXALC and SFP-1GXXBLC)

### Optical Fiber

|                  | Gigabit Ethernet   |                   |                    |                    |                    |                    |                     |                     |                           |                           |                           |                           |                           |                           |
|------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                  | SFP-SX             | SFP-LSX           | SFP-LX             | SFP-LH             | SFP-LHX            | SFP-ZX             | SFP-EZX             | SFP-EZX-120         | SFP-10A                   | SFP-10B                   | SFP-20A                   | SFP-20B                   | SFP-40A                   | SFP-40B                   |
| Wavelength       | 850 nm             | 1310 nm           | 1310 nm            | 1310 nm            | 1310 nm            | 1550 nm            | 1550 nm             | 1550 nm             | TX 1310 nm,<br>RX 1550 nm | TX 1550 nm,<br>RX 1310 nm | TX 1310 nm,<br>RX 1550 nm | TX 1550 nm,<br>RX 1310 nm | TX 1310 nm,<br>RX 1550 nm | TX 1550 nm,<br>RX 1310 nm |
| Max. TX          | -4 dBm             | -1 dBm            | -3 dBm             | -2 dBm             | 1 dBm              | 5 dBm              | 5 dBm               | 3 dBm               | -3 dBm                    | -3 dBm                    | -2 dBm                    | -2 dBm                    | 2 dBm                     | 2 dBm                     |
| Min. TX          | -9.5 dBm           | -9 dBm            | -9.5 dBm           | -8 dBm             | -4 dBm             | 0 dBm              | 0 dBm               | -2 dBm              | -9 dBm                    | -9 dBm                    | -8 dBm                    | -8 dBm                    | -3 dBm                    | -3 dBm                    |
| RX Sensitivity   | -18 dBm            | -19 dBm           | -20 dBm            | -23 dBm            | -24 dBm            | -24 dBm            | -30 dBm             | -33 dBm             | -21 dBm                   | -21 dBm                   | -23 dBm                   | -23 dBm                   | -23 dBm                   | -23 dBm                   |
| Link Budget      | 8.5 dB             | 10 dB             | 10.5 dB            | 15 dB              | 20 dB              | 24 dB              | 30 dB               | 31 dB               | 12 dB                     | 12 dB                     | 15 dB                     | 15 dB                     | 20 dB                     | 20 dB                     |
| Typical Distance | 550 m <sup>a</sup> | 2 km <sup>b</sup> | 10 km <sup>c</sup> | 30 km <sup>c</sup> | 40 km <sup>c</sup> | 80 km <sup>c</sup> | 110 km <sup>c</sup> | 120 km <sup>c</sup> | 10 km <sup>c</sup>        | 10 km <sup>c</sup>        | 20 km <sup>c</sup>        | 20 km <sup>c</sup>        | 40 km <sup>c</sup>        | 40 km <sup>c</sup>        |
| Saturation       | 0 dBm              | -3 dBm            | -3 dBm             | -3 dBm             | -3 dBm             | -3 dBm             | -3 dBm              | -8 dBm              | -1 dBm                    | -1 dBm                    | -1 dBm                    | -1 dBm                    | -1 dBm                    | -1 dBm                    |

a. 50/125  $\mu$ m, 400 MHz \* km or 62.5/125  $\mu$ m, 500 MHz \* km @ 850 nm multi-mode fiber optic cable

b. 62.5/125  $\mu$ m, 750 MHz \* km @ 1310 nm multi-mode fiber optic cable

c. 9/125  $\mu$ m single-mode fiber optic cable

Note: The actual communication distance depends on many factors, including connector loss, cable deployment, and the age of the cabling system. We recommend doing a link budget analysis and reserving a 3 dB margin for such factors.

### Environmental Limits

#### Operating Temperature:

Standard Models: 0 to 60°C (32 to 140°F)

Wide Operating Temp. Models: -40 to 85°C (-40 to 185°F)

Storage Temperature: -40 to 85°C (-40 to 185°F)

Ambient Relative Humidity: 5 to 95% (non-condensing)

### Standards and Certifications

Safety: UL 60950-1, TÜV

### Warranty

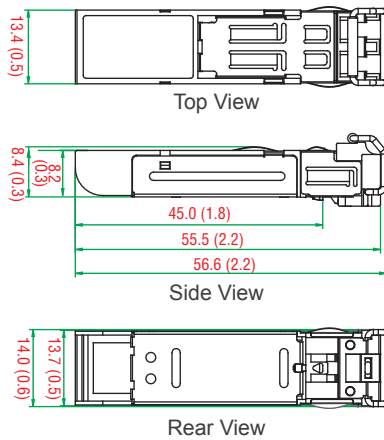
Warranty Period: 5 years

Details: See [www.moxa.com/warranty](http://www.moxa.com/warranty)

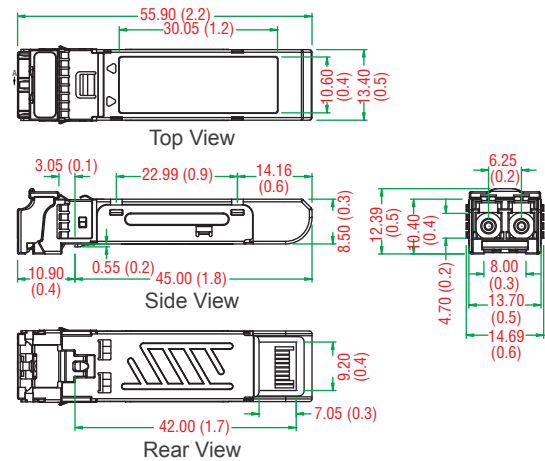
## Dimensions

Unit: mm (inch)

### SFP-1G Series



### SFP-1GEZXLC-120



## : Ordering Information

### SFP Modules

| Available Models                    |                                   | Port Interface                         |                                       |                                       |                                       |                                        |                                       |                                        |                                        |
|-------------------------------------|-----------------------------------|----------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------|----------------------------------------|----------------------------------------|
| Standard Temperature<br>(0 to 60°C) | Wide Temperature<br>(-40 to 85°C) | 1000BaseSX,<br>LC Connector,<br>0.5 km | 1000BaseLSX,<br>LC Connector,<br>2 km | 1000BaseLX,<br>LC Connector,<br>10 km | 1000BaseLH,<br>LC Connector,<br>30 km | 1000BaseLHX,<br>LC Connector,<br>40 km | 1000BaseZX,<br>LC Connector,<br>80 km | 1000BaseEZ,<br>LC Connector,<br>110 km | 1000BaseEZ,<br>LC Connector,<br>120 km |
| SFP-1GSXLC                          | SFP-1GSXLC-T*                     | 1                                      | —                                     | —                                     | —                                     | —                                      | —                                     | —                                      | —                                      |
| SFP-1GLSXLC                         | SFP-1GLSXLC-T                     | —                                      | 1                                     | —                                     | —                                     | —                                      | —                                     | —                                      | —                                      |
| SFP-1GLXLC                          | SFP-1GLXLC-T                      | —                                      | —                                     | 1                                     | —                                     | —                                      | —                                     | —                                      | —                                      |
| SFP-1GLHLC                          | SFP-1GLHLC-T                      | —                                      | —                                     | —                                     | 1                                     | —                                      | —                                     | —                                      | —                                      |
| SFP-1GLHLC                          | SFP-1GLHLC-T                      | —                                      | —                                     | —                                     | —                                     | 1                                      | —                                     | —                                      | —                                      |
| SFP-1GZXLC                          | SFP-1GZXLC-T                      | —                                      | —                                     | —                                     | —                                     | —                                      | 1                                     | —                                      | —                                      |
| SFP-1GEZXLC                         | —                                 | —                                      | —                                     | —                                     | —                                     | —                                      | —                                     | 1                                      | —                                      |
| SFP-1GEZXLC-120                     | —                                 | —                                      | —                                     | —                                     | —                                     | —                                      | —                                     | —                                      | 1                                      |

\* SFP-1GSXLC-T: -20 to 75°C operating temperature

### WDM-type (BiDi) SFP Modules

| Available Models                    |                                   | Port Interface                      |                           |                                     |                           |                                     |                           |
|-------------------------------------|-----------------------------------|-------------------------------------|---------------------------|-------------------------------------|---------------------------|-------------------------------------|---------------------------|
| Standard Temperature<br>(0 to 60°C) | Wide Temperature<br>(-40 to 85°C) | 1000BaseSFP,<br>LC Connector, 10 km |                           | 1000BaseSFP,<br>LC Connector, 20 km |                           | 1000BaseSFP,<br>LC Connector, 40 km |                           |
|                                     |                                   | TX 1310 nm,<br>RX 1550 nm           | TX 1550 nm,<br>RX 1310 nm | TX 1310 nm,<br>RX 1550 nm           | TX 1550 nm,<br>RX 1310 nm | TX 1310 nm,<br>RX 1550 nm           | TX 1550 nm,<br>RX 1310 nm |
| SFP-1G10ALC                         | SFP-1G10ALC-T                     | 1                                   | —                         | —                                   | —                         | —                                   | —                         |
| SFP-1G10BLC                         | SFP-1G10BLC-T                     | —                                   | 1                         | —                                   | —                         | —                                   | —                         |
| SFP-1G20ALC                         | SFP-1G20ALC-T                     | —                                   | —                         | 1                                   | —                         | —                                   | —                         |
| SFP-1G20BLC                         | SFP-1G20BLC-T                     | —                                   | —                         | —                                   | 1                         | —                                   | —                         |
| SFP-1G40ALC                         | SFP-1G40ALC-T                     | —                                   | —                         | —                                   | —                         | 1                                   | —                         |
| SFP-1G40BLC                         | SFP-1G40BLC-T                     | —                                   | —                         | —                                   | —                         | —                                   | 1                         |

The SFP-1G series modules can be used with the following products:

IM-2GSFP, EDS-611/619 series, EDS-G509 series, EDS-518A series, EDS-510A series, EDS-P510 series, ICS-G7826/G7828 series, ICS-G7526/G7528 series, IM-G7000-4GSFP, IKS-G6824 series, IKS-G6524 series, IKS-6526-2GTXSFP series, PM-7200-2G/4G series, EDS-G308 series, EDR-G903 series, IMC-101G series, PT-G7509

### Package Checklist

- SFP-1G module
- Warranty card

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

 obchod@autocont-ipc.cz

 +420 552 301 002

 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.