

SFP PCIe Adapter

TEG-ECSFP (v1.0R)

The SFP PCIe Adapter, model TEG-ECSFP, is a Gigabit fiber network adapter which is compatible with standard SFP modules and PCI Express slots. Full-Duplex technology generates data rates of up to 2 Gbps over a motherboard's high-speed PCI Express Bus architecture. Jumbo Frame support further optimizes throughput performance.

Supports SNMP v1, Pre-Boot Execution Environment (PXE) 2.1, VLAN tagging, and Layer 2 Priority Tagging. Optimizes power consumption with advanced Configuration Power Management Interface 2.0 (ACPI) technology. Diagnostic LEDs help with network troubleshooting. Compatible with Microsoft Windows 8, Windows 7, and Linux operating systems.

PRODUCT OVERVIEW

- 1000-Base SFP slot compatible with standard SFP modules
- Data rates of up to 2 Gbps over a high performance PCI Express architecture
- Supports SNMP v1, PXE, VLAN Tagging, and Layer 2 Priority Tagging
- Energy savings with ACPI 2.0 functionality
- Compatible with Windows 8, Windows 7, and Linux operating systems

FEATURES

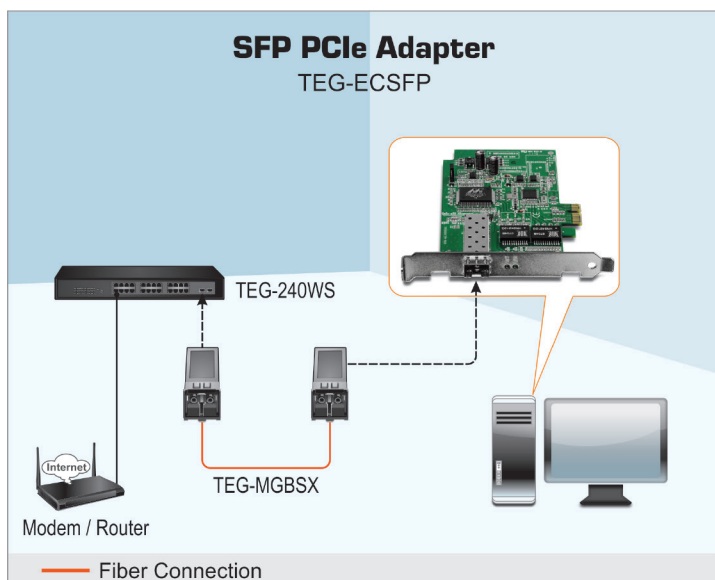
- 1 x 1000Base-SX / LX Mini-GBIC slot
- PCI Express 1.0a compliant
- Incorporates Advanced Configuration Power Management Interface (ACPI) 2.0
- TCP segmentation / large send offload
- IEEE 802.1Q VLAN tagging and IEEE 802.1p Layer 2 priority tagging
- IEEE 802.3x full-duplex Flow Control
- Microsoft NDIS5 (IP, TCP, UDP) checksum offload
- SNMP v1 supported
- Preboot Execution Environment (PXE) 2.1
- Jumbo Frames up to 7 KBytes
- Intuitive cable diagnostic utility
- 3-year limited warranty

SPECIFICATIONS

HARDWARE

| | |
|--------------------------|--|
| Standards | <ul style="list-style-type: none"> • IEEE 802.3z 1000Base-SX / LX • IEEE 802.3x, IEEE 802.1Q, IEEE 802.1p |
| Network Media | <ul style="list-style-type: none"> • 1000Base-SX: Multi-mode fiber optic cable 50/125 μm, up to 550 m • Multi-mode fiber optic cable 62.5/125 μm, up to 220 m • 1000Base-LX: Single-mode fiber optic cable 9/125 μm, up to 80 km (TEG-MGBS80) |
| Protocol | <ul style="list-style-type: none"> • SNMP v1 |
| Interface | <ul style="list-style-type: none"> • PCI Express, Mini-GBIC slot |
| Power Consumption | <ul style="list-style-type: none"> • 2.3 watts (max.) |
| Diagnostic LED | <ul style="list-style-type: none"> • Link, Activity |
| Supported OS | <ul style="list-style-type: none"> • Windows XP (32/64-bit), Vista (32/64-bit), Windows 7 (32/64-bit), Windows 8 (32/64-bit) • Windows Server 2003, Server 2008 • Linux Kernel 2.4.x / 2.6.x |
| Jumbo Frames | <ul style="list-style-type: none"> • Up to 7 KBytes |
| Data Rate | <ul style="list-style-type: none"> • 2000 Mbps (full-duplex) |
| Dimension | <ul style="list-style-type: none"> • 117 x 124 x 85 mm (4.6 x 4.9 x 3.3 in.) |
| Weight | <ul style="list-style-type: none"> • 65 g (2.4 oz) |
| Temperature | <ul style="list-style-type: none"> • Operating: 0°C ~ 45°C (32°F ~ 113°F) • Storage: -10°C ~ 70°C (14°F ~ 158°F) |
| Humidity | <ul style="list-style-type: none"> • Max 95% (non-condensing) |
| Certifications | <ul style="list-style-type: none"> • CE, FCC |

NETWORKING SOLUTIONS



PACKAGE CONTENTS

TEG-ECSFP

Multi-Language Quick Installation Guide

CD-ROM (Drivers & User's Guide)

RELATED PRODUCTS

| | |
|------------|--|
| TEG-MGBSX | Mini-GBIC Multi-Mode SX Module |
| TEG-MGBS10 | Mini-GBIC Single-Mode LC Module |
| TEG-448WS | 48-Port Gigabit Web Smart Switch w/ 4 Shared Mini-GBIC Slots |

CONTACT INFORMATION

TRENDNET

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: www.trendnet.com

Email: sales@trendnet.com

1-888-326-6061