

# TRENDNET®



## Quick Installation Guide

TFC-1600(V1)

# Table of Contents

---

## **1 English**

1. Before You Start
2. Hardware Installation

# 1. Before You Start

---

## Package Contents





- TFC-1600
- Quick Installation Guide
- Power cord
- Mounting Brackets

## Minimum Requirements

- An environment that is fairly cool and dry
- An environment that is free from strong electromagnetic field generators (such as motors), vibration, dust and direct exposure to sunlight
- 10/100Mbps Ethernet Switch
- Single-mode Fiber cables
- CAT-5 RJ-45 Ethernet Cable
- TFC-1600 chassis or sturdy, level surface that can support the weight of the Fiber Converter
- TFC-1600MM (optional)

**Note:** Management feature requires the TFC-1600 chassis and the TFC-1600MM management module.

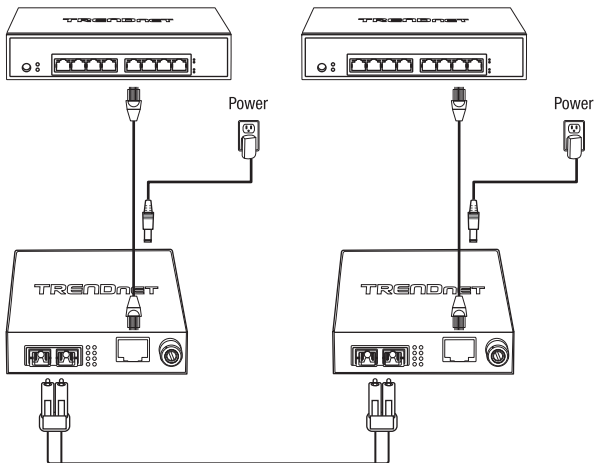
## Compatible Models

Model Name	Multi/Single-Mode	Fiber Connector
TFC-110S60i / TFC-110S60 / TFC-110S30i / TFC-110S30 / TFC-110S15i / TFC-110S15 / TFC-110S100 / TFC-1000S70 / TFC-1000S50 / TFC-1000S20	Single-Mode (Duplex)	SC (Duplex) 
TFC-110S40D5i / TFC-110S40D3i / TFC-110S40D3 / TFC-110S20D5i / TFC-110S20D5 / TFC-110S20D3i / TFC-110S20D3 / TFC-1000S60D5 / TFC-1000S60D3 / TFC-1000S40D5 / TFC-1000S40D3 / TFC-1000S10D5 / TFC-1000S10D3	Single-Mode (Simple)	SC (Simple) 
TFC-110MST (ST) / TFC-110MM (MT-RJ)	Multi-Mode	ST (Duplex) 
TFC-110MSC / TFC-1000MSC	Multi-Mode	MT-RJ (Simple) 
TFC-1000MGA	Multi-Mode / Single Mode	Depends on SFP

## 2. Hardware Installation

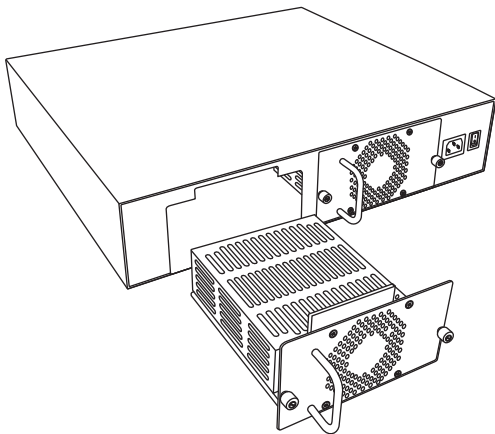
### Installing two stand alone Fiber Converters

1. Connect the fiber cable to the fiber converters. This cable must be single-mode.
2. Connect an RJ-45 Ethernet cable from the Ethernet port on the fiber converters to an Ethernet port on your switch (e.g TEG-160WS).
3. Connect the power adapter to the back of the fiber converter.



**Note:** The TX and RX cables must be reverse on the opposing fiber connection.

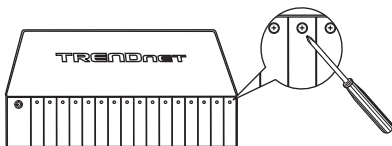
## Installing power supplies



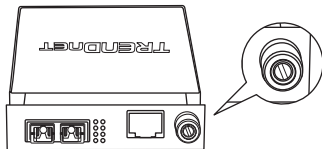
**Note:** Optional redundant power supply (TFC-1600RP) sold separately.

## Installing Fiber Converter in a Chassis

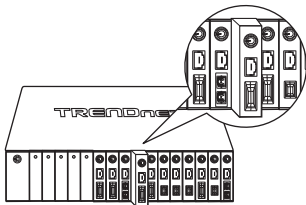
1. Unscrew the bay cover from the desired bay on the chassis.



2. Unfasten the thumbscrew and remove the fiber converter from the metal casing.



3. Slide the media converter into an available slot and fasten the thumbscrew.



**Your installation is now complete.**

# Declaration of Conformity

TRENDNET®

## Manufacturer's Name and Address

TRENDnet, Inc.  
20675 Manhattan Place  
Torrance, CA 90501 USA

Zwolsestraat 156 2587 WB  
The Hague The Netherlands



## Product Information

**Model Number:** TFC-1600  
**Product Name:** 16-Bay Fiber Converter Chassis System  
**Trade Name:** TRENDnet

TRENDnet hereby declare that the product is in compliance with the essential requirements and other relevant provisions under our sole responsibility.

**Safety** EN 62368-1:2014+A11:2017  
**EMC:** EN 55032:2015 (CISPR32:2015)(Class A)  
EN 61000-3-2:2014  
EN 61000-3-3:2013  
EN 55024:2010+A1:2015  
IEC 61000-4-2:2008  
IEC 61000-4-3:2006+A1:2007+A2:2010  
IEC 61000-4-4:2012  
IEC 61000-4-5:2017  
IEC 61000-4-6:2013  
IEC 61000-4-8:2009  
IEC 61000-4-11:2017

This product is herewith confirmed to comply with the Directives.

**Directives:** EMC Directive 2014/30/EU  
RoHS Directive 2011/65/EU  
RoHS 3 Directive 2015/863/EU  
WEEE Directive 2012/19/EU  
REACH Regulation (EC) No. 1907/2006  
Low Voltage Directive 2014/35/EU

Person responsible for this declaration.

Place of Issue: Torrance, California, USA

Date: June 21, 2021

Name: Sonny Su

Title: VP of Technology

Signature:

A handwritten signature in black ink, appearing to read 'Sonny Su', is written over a horizontal line.





# Declaration of Conformity

TRENDNET®

## Manufacturer's Name and Address

TRENDnet, Inc.  
20675 Manhattan Place  
Torrance, CA 90501 USA

Authorized Representative:  
Office: +44 (0) 1635 887 399  
Unit 4 Rivermead Business Park,  
Pipers Way, Thatcham, RG19 4EP England

UK  
CA

## Product Information

**Model Number:** TFC-1600  
**Product Name:** 16-Bay Fiber Converter Chassis System  
**Trade Name:** TRENDnet

TRENDnet hereby declare that the product is in compliance with the essential requirements and other relevant provisions under our sole responsibility.

**Safety** EN 62368-1:2014+A11:2017  
**EMC:** EN 55032:2015 (CISPR32:2015)(Class A)  
EN 61000-3-2:2014  
EN 61000-3-3:2013  
EN 55024:2010+A1:2015  
IEC 61000-4-2:2008  
IEC 61000-4-3:2006+A1:2007+A2:2010  
IEC 61000-4-4:2012  
IEC 61000-4-5:2017  
IEC 61000-4-6:2013  
IEC 61000-4-8:2009  
IEC 61000-4-11:2017

This product is herewith confirmed to comply with the Directives.

**Directives:** Electromagnetic Compatibility Regulations 2016  
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012  
The Waste Electrical and Electronic Equipment Regulations 2013 (as amended)  
The REACH Enforcement Regulations 2008 (as amended)  
Electrical Equipment (Safety) Regulations 2016

Person responsible for this declaration.

Place of Issue: Torrance, California, USA

Date: 21 June, 2021

Name: Sonny Su

Title: VP of Technology

Signature:



## Certifications

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) this device may not cause harmful interference, and  
(2) this device must accept any interference received.  
Including interference that may cause undesired operation.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or Retailer for recycling advice.

- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
- FCC Caution: Any changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## Technical Support

If you have any questions regarding the product installation, please contact our Technical Support.  
Toll free US/Canada: **1-866-845-3673**  
Regional phone numbers available at [www.trendnet.com/support](http://www.trendnet.com/support)

## TRENDnet

20675 Manhattan Place  
Torrance, CA 90501  
USA

## Power supply connected caution

The equipment power supply cord shall be connected to a socket-outlet with earthing connection.

## Advertencia

Le cordon d'alimentation de l'appareil doit être raccordé à une prise de courant avec mise à la terre.

## Note

The Manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## Advertencia

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.

## Product Warranty Registration

Please take a moment to register your product online. Go to TRENDnet's website at: [www.trendnet.com/register](http://www.trendnet.com/register)