



LAN-10G2SF-PHY-CS4227

Dual 10GbE LAN Module

Quick Installation Guide

Version 1.00

Features

- XFI interface compliant
- Dual SFP+ port with 10GbE LAN support
- Low-profile/tower bracket
- Inphi[®] CS4227 PHY

Packing List

- 1 x LAN-10G2SF-PHY-CS4227 dual 10GbE LAN module
- 1 x QIG (Quick Installation Guide)

Specifications

Interface	XFI interface
Ethernet	Inphi® CS4227
External Connector	2 x 10GbE SFP+ connector
Operating Temperature	0°C ~ 60°C
Storage Temperature	-10°C ~ 70°C
Operating Humidity	10% ~ 95%, non-condensing
Dimensions (LxW)	106.83 mm x 68.9 mm

Ordering Information


- LAN-10G2F-PHY-CS4227:
10 GbE LAN card, dual port support, RoHS

Connector Pinouts

CN2/CN4: External LAN connector			
Pin	Description	Pin	Description
1	VeeT1 (Module transmitter ground)	11	VeeR2 (Module receiver ground)
2	TX Fault (Module transmitter fault)	12	RD- (Receiver inverted data output)
3	TX Disable (Transmitter disabled)	13	RD+ (Receiver noninverted data output)
4	SDA (2-wire serial interface data line)	14	VeeR3 (Module receiver ground)
5	SCL (2-wire serial interface clock)	15	VCCR (Module receiver 3.3 V supply)
6	MOD-ABS (Module absent)	16	VcCT (Module transmitter 3.3 V supply)
7	RS0 (Rate select 0, optionally controls SFP+ module receiver)	17	VeeT2 (Module transmitter ground)
8	N/A	18	TD+ (Transmitter noninverted data output)
9	RS1(Rate select 1, optionally controls SFP+ transmitter)	19	TD- (Transmitter inverted data output)
10	VeeR1 (Module receiver ground)	20	VeeT3 (Module transmitter ground)

LAN LED	Description	LAN LED	Description
Left (orange)	On: linked Blinking: data is being sent/received	Right (green)	On: linked

Safety Instructions

 Warning! To prevent the system from overheating, do not operate it in an area that exceeds the maximum operating temperature described in the user manual. Ultimate disposal of this product should be handled according to all national laws and regulations.

IEI Support URL

http://new.ieiworld.com/tw/online_support_form

Compliance



This equipment has been tested and found to comply with specifications for CE marking. If the user modifies and/or installs other devices in the equipment, the CE conformity declaration may no longer apply.



This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

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.



According to the requirement of the WEEE legislation the following user information is provided to customers for all branded IEI Electronics products subject to the WEEE directive.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Headquarters

IEI Integration Corp.
No. 29, ZhongXing Rd., Xizhi Dist.,
New Taipei City 221, Taiwan
TEL: +886-2-8691-6798/+886-2-2690-2098
FAX: +886-2-6616-0028
sales@ieiworld.com
www.ieiworld.com

America

IEI Technology USA Corp.
138 University Parkway, Pomona,
CA 91768, USA
Tel: +1-909-595-2819
Fax: +1-909-595-2816
sales@usa.ieiworld.com
usa.ieiworld.com

China

IEI Integration (Shanghai) Corp.
No. 515, Shen Fu Rd., Xin Zhuang Industrial Develop Zone,
Shanghai, 201108, China
Tel: +86-21-3116-7799
Fax: +86-21-3462-7797
sales@ieiworld.com.cn
www.ieiworld.com.cn