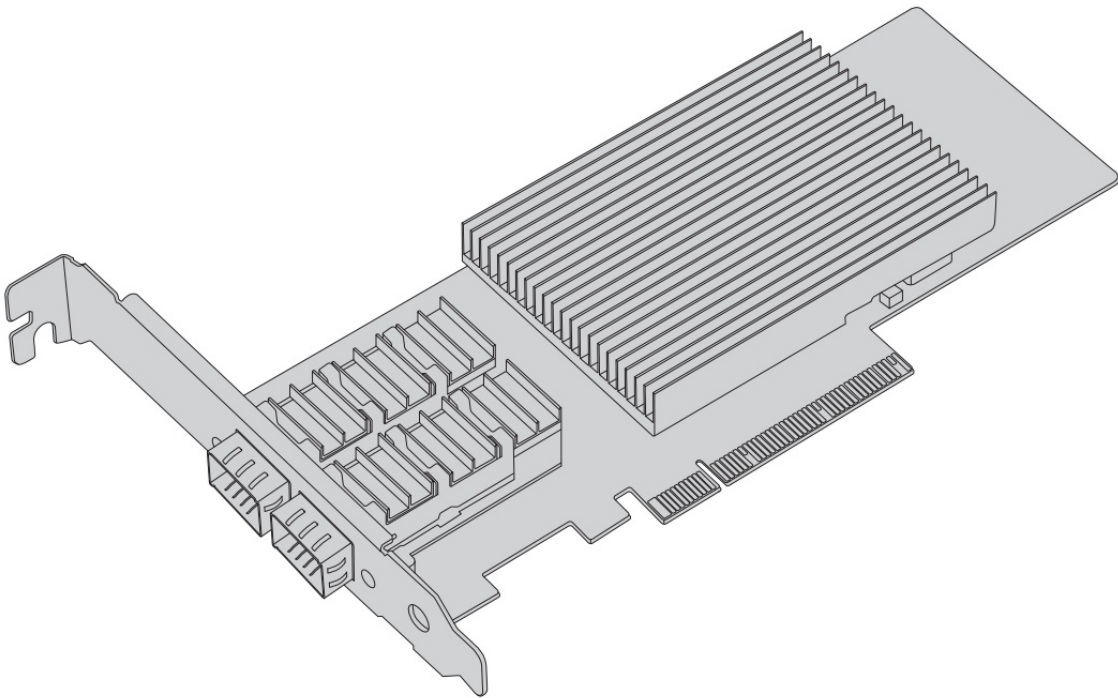


FS Intel 82599ES-Based Ethernet Network Interface Card User Guide

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82599ES-Based Ethernet Network Interface Card User Guide



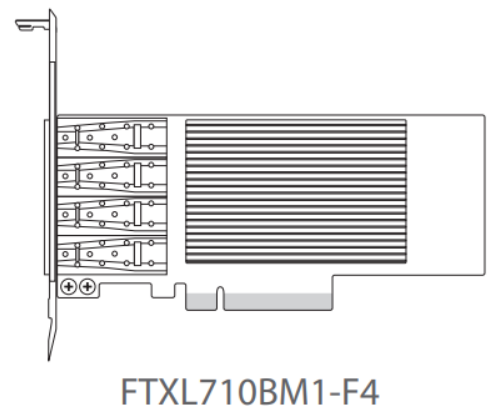
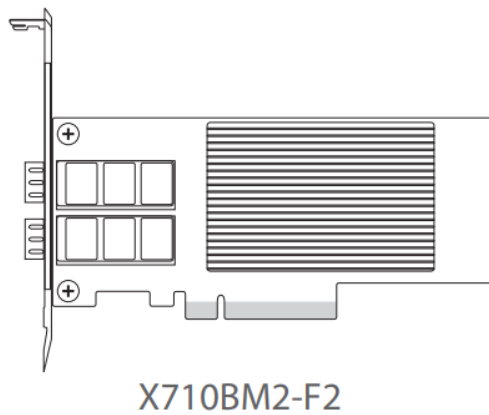
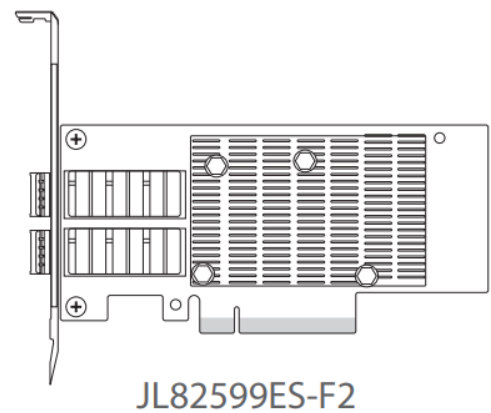
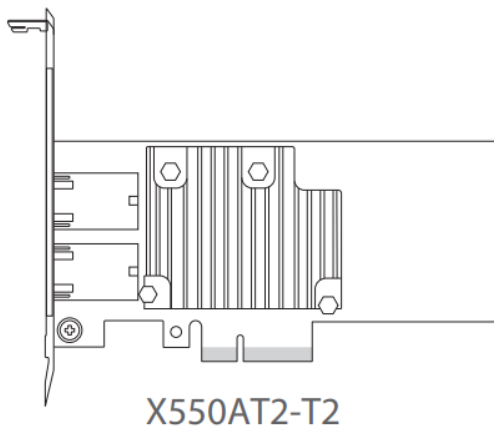
**PCIe 2.0/3.0/4.0
ETHERNET NETWORK ADAPTER**

Contents

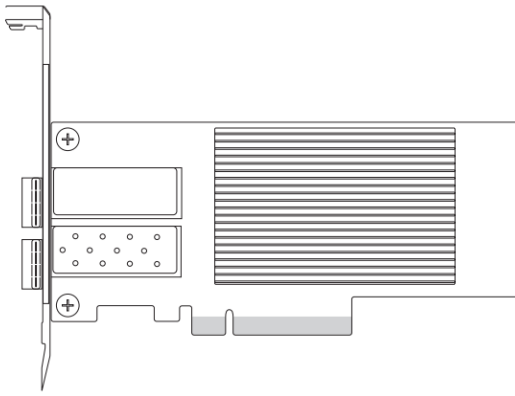
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Product View

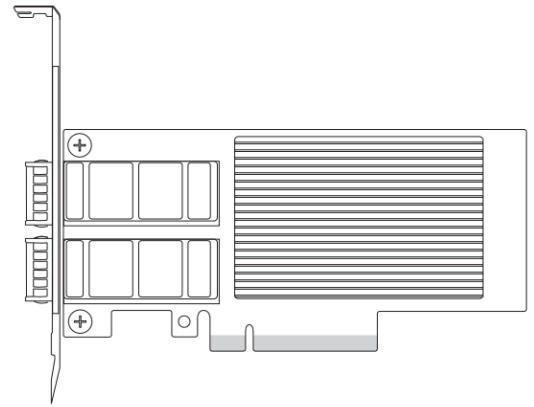
10G Network Adapter



25G/40G Network Adapter

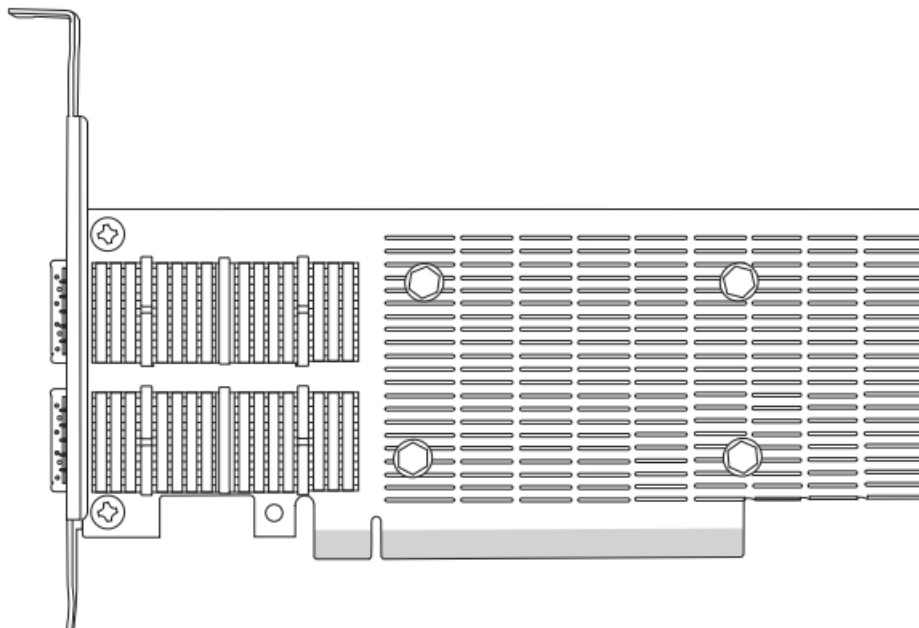


XXV710AM2-F2



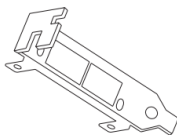
FTXL710BM2-QF2

100G Network AdapterE810CAM2-2CP

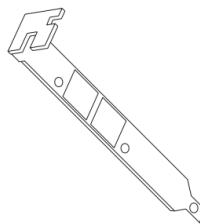


E810CAM2-2CP

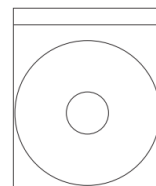
Package Contents



1 x low profile bracket

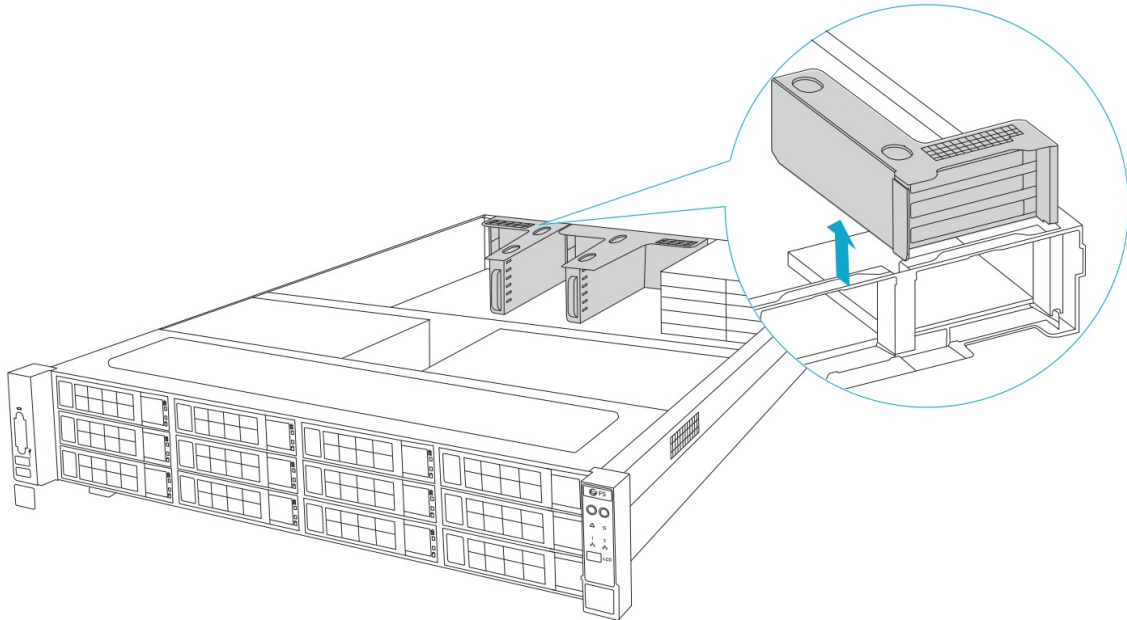


1 x full height bracket

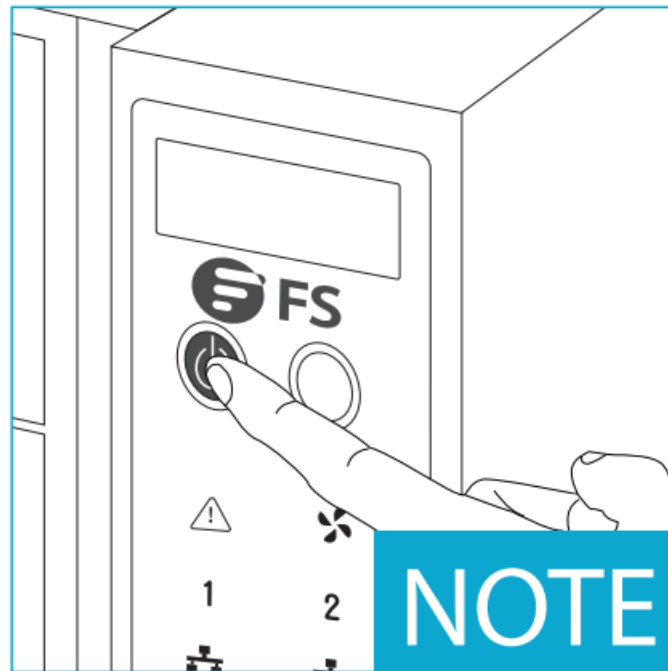


1 x software CD

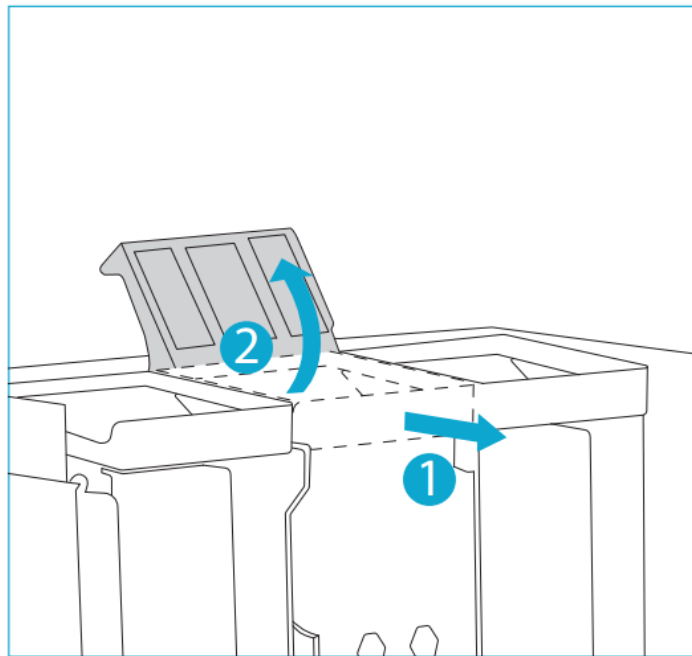
Pulling the Network Adapter Module Out



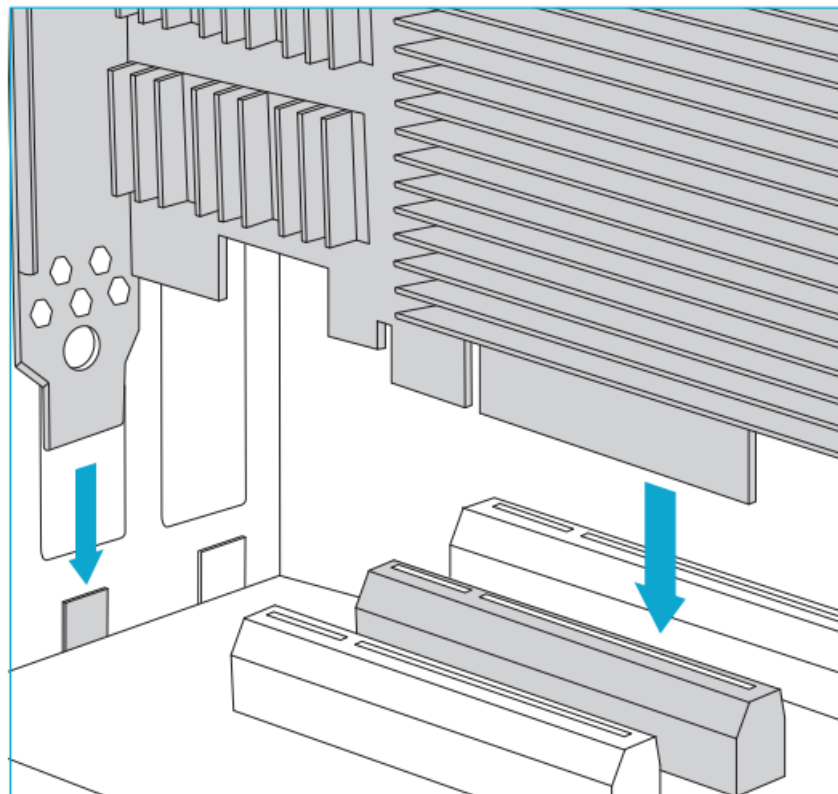
NOTE: Turn off the server and unplug the power cord before pulling the module from the server.



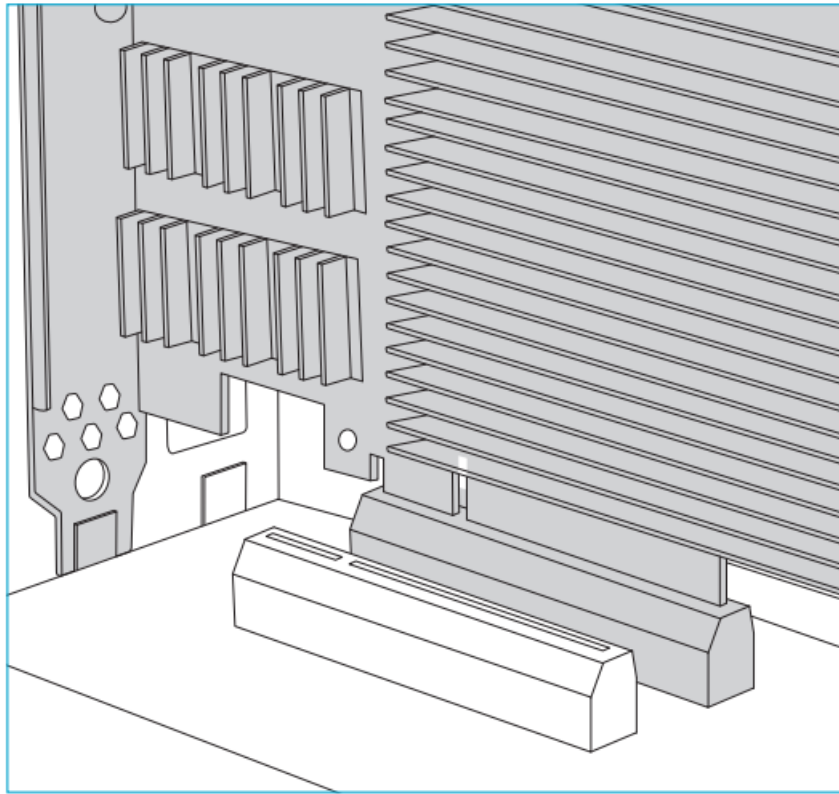
Inserting the Adapter into the Slot



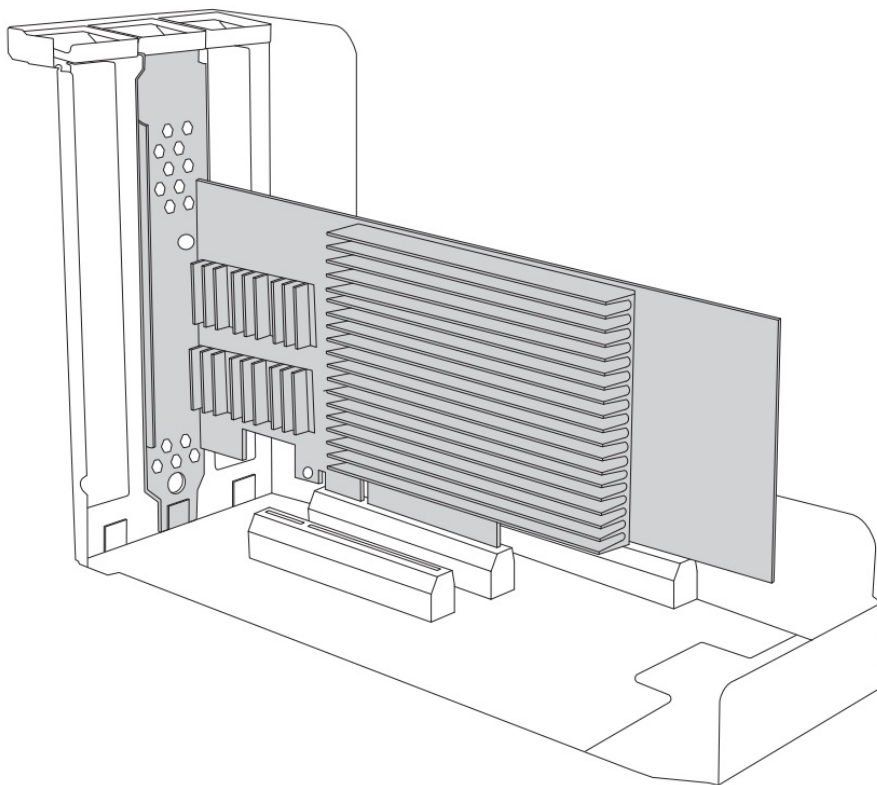
Step 1: Unfold Slot Cover



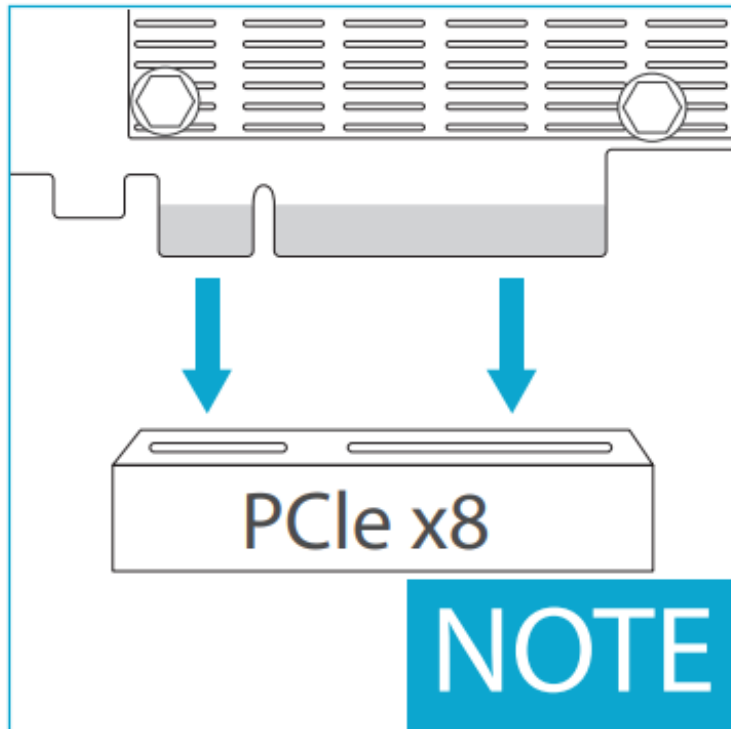
Step 2: Plugin Slot Carefully



Step 3: Ensure the Adapter Stable



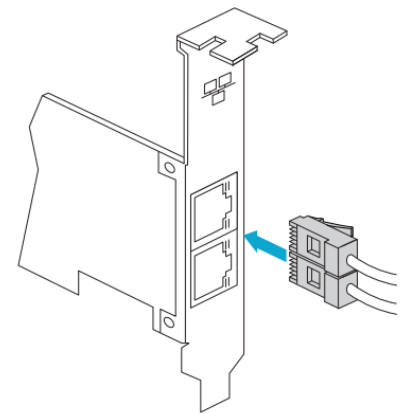
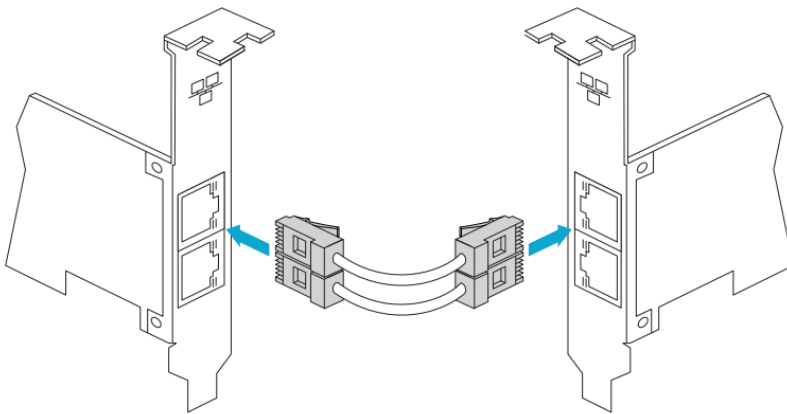
NOTE: Insert the adapter into the PCIe slot corresponding to the server (eg: PCIe X8).



Connecting the Cable

RJ-45 copper cable

10GBASE-T requires Cat6, Cat6a or Cat7 Cable

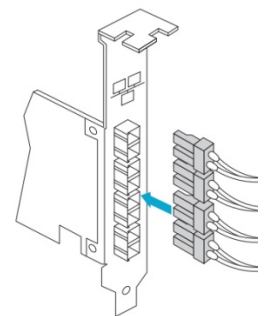
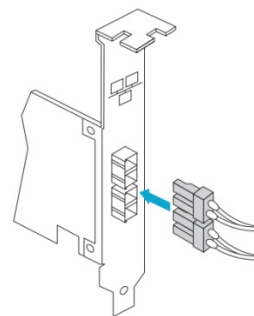
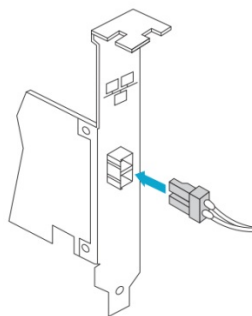
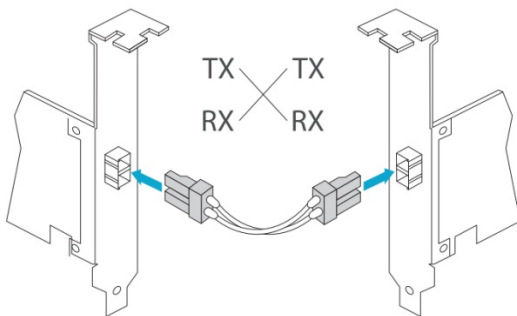


Connect the Copper Cable

Dual Ports

Fiber optical cable

Make sure that the connector is oriented correctly

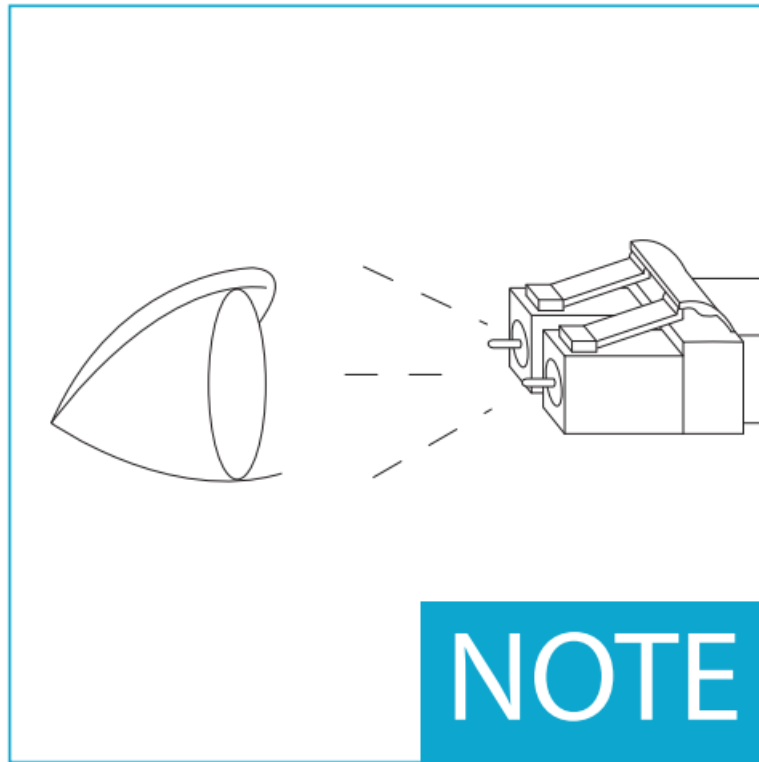


Connect the Fiber Cable

Single Port

Dual Ports

Quad Ports



NOTE: The fiber optic port contains a Class 1 laser device. Do not expose the port as this may result in skin or eye injury.

Installing the Windows Driver

First, turn on the computer, and when Windows discovers the new adapter, the “Found New Hardware Wizard” appears. Extract the update package from the CD to a specific path. Open a DOS command box and go to a specific path and type setup at the command prompt to extract the driver.

Checking the Status of the Indicator

Indicator Light	State	Description
LNK (Green/Yellow)	Green light	Run at maximum port speed
	Yellow light	Run at a lower port speed
	No light	No link
ACT (Green)	Flashing green light	Data activity
	No light	No link

Product Warranty

FS ensures our customers that any damage or faulty items due to our workmanship, we will offer a free maintenance service.



Warranty: All Ethernet Network Interface Cards enjoy 3 years limited warranty against defects. materials or workmanship.

For more details about the warranty, please check at <https://www.fs.com/policies/warranty.html>



Return: If you want to return the item(s), information on how to return can be found at

https://www.fs.com/policies/day_return_policy.html

Compliance Information

FCC

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment one and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

Responsible party (only for FCC matters)

FS.COM Inc.

380 Centerpoint Blvd, New Castle, DE 19720, United States

<https://www.fs.com>

FS.COM GmbH hereby declares that this device is in compliance with the Directive 2014/35/EU. A copy of the EU Declaration of Conformity is available at www.fs.com/company/quality_control.html

FS.COM LIMITED

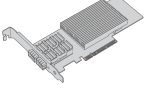
24F, Infore Center, No.19, Haitian 2nd Rd,
Binhai Community, Yuehai Street, Nanshan
District, Shenzhen City

FS.COM GmbH

NOVA Gewerbepark Building 7, Am
Gfild 7, 85375 Neufahrn bei Munich, Germany
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Documents / Resources

 <p>FS PCN-2020-0182 ETHERNET NETWORK ADAPTER ETHERNET-NETZWERKADAPTER CARTE RESEAU ETHERNET Quick Start Guide Quick Start Anleitung Guide de Démarrage Rapide</p>	<p>FS Intel 82599ES-Based Ethernet Network Interface Card [pdf] User Guide Intel 82599ES-Based Ethernet Network Interface Card, Intel 82599ES-Based, Ethernet Network Interface Card, JL82599ES-F2, X550AT2-T2, X710BM2-F2</p>
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References

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- [!\[\]\(8ec8d5dc48934930a762fecf6ecbe179_img.jpg\) Quality Certification - FS.com](#)
- [!\[\]\(c34a15e67573dae8fbb88f4cbfb0f2e9_img.jpg\) Ein weltweit führender Anbieter von Hochgeschwindigkeits-Konnektivitätsgeräten und -lösungen. - FS.com Deutschland](#)
- [!\[\]\(41f06fdeabb4e5a71d06fe8f32a46127_img.jpg\) Fournisseur leader de solutions et matériels de connectivité à haut débit - FS France](#)
- [!\[\]\(18eb66208e65404cce5042d73cf0a851_img.jpg\) FS.com - Data Center, Enterprise, Telecom](#)
- [!\[\]\(14a9d4de9e6699d41b68e8807e2d5f76_img.jpg\) Rückgaberecht - FS.com Deutschland](#)
- [!\[\]\(415790129e00c225ba52b81c8addfb14_img.jpg\) Ein weltweit führender Anbieter von Hochgeschwindigkeits-Konnektivitätsgeräten und -lösungen. - FS.com Deutschland](#)
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- [!\[\]\(2b564e327fe9708ac2f9320a9ae84c76_img.jpg\) Return Policy - FS.com](#)
- [!\[\]\(484cd33a03c33977d2fcf6bb9cc02435_img.jpg\) Products Warranty - FS.com](#)

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