



Trend Micro™

**Deep Discovery Inspector 530/1300**

**6.7** Service Pack 1

Network Interface Card Installation Guide

Breakthrough Protection Against APTs and Targeted Attacks

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<http://docs.trendmicro.com>

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This documentation introduces the main features of the product and/or provides installation instructions for a production environment. Read through the documentation before installing or using the product.

Detailed information about how to use specific features within the product may be available at the Trend Micro Online Help Center and/or the Trend Micro Knowledge Base.

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# Preface

## Preface

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## Documentation

The documentation set for Deep Discovery Inspector includes the following:

**TABLE 1. Product Documentation**

DOCUMENT	DESCRIPTION
Administrator's Guide	The Administrator's Guide contains detailed instructions on how to configure and manage Deep Discovery Inspector, and explanations on Deep Discovery Inspector concepts and features.
AWS Deployment Guide	The AWS Deployment Guide contains information about requirements and procedures for planning deployment, deploying, and troubleshooting Deep Discovery Inspector deployment on AWS.
Inline (LAN bypass) Network Interface Card Installation Guide	The Inline (LAN bypass) Network Interface Card Installation Guide contains information about requirements and procedures for installing an additional bypass network interface card on supported Deep Discovery Inspector appliances.
Installation and Deployment Guide	The Installation and Deployment Guide contains information about requirements and procedures for planning deployment, installing Deep Discovery Inspector, and using the Preconfiguration Console to set initial configurations and perform system tasks.
Syslog Content Mapping Guide	The Syslog Content Mapping Guide provides information about log management standards and syntaxes for implementing syslog events in Deep Discovery Inspector.
Quick Start Card	The Quick Start Card provides user-friendly instructions on connecting Deep Discovery Inspector to your network and on performing the initial configuration.
Readme	The Readme contains late-breaking product information that is not found in the online or printed documentation. Topics include a description of new features, known issues, and product release history.

DOCUMENT	DESCRIPTION
Online Help	Web-based documentation that is accessible from the Deep Discovery Inspector management console.  The Online Help contains explanations of Deep Discovery Inspector components and features, as well as procedures needed to configure Deep Discovery Inspector.
Support Portal	The Support Portal is an online database of problem-solving and troubleshooting information. It provides the latest information about known product issues. To access the Support Portal, go to the following website:  <a href="https://success.trendmicro.com">https://success.trendmicro.com</a>

View and download product documentation from the Trend Micro Online Help Center:

<https://docs.trendmicro.com/en-us/home.aspx>

## Audience

The Deep Discovery Inspector documentation is written for IT administrators and security analysts. The documentation assumes that the reader has an in-depth knowledge of networking and information security, including the following topics:

- Network topologies
- Database management
- Antivirus and content security protection





The documentation does not assume the reader has any knowledge of sandbox environments or threat event correlation.

## Document Conventions

The documentation uses the following conventions:



**TABLE 2. Document Conventions**

CONVENTION	DESCRIPTION
UPPER CASE	Acronyms, abbreviations, and names of certain commands and keys on the keyboard
<b>Bold</b>	Menus and menu commands, command buttons, tabs, and options
<i>Italics</i>	References to other documents
Monospace	Sample command lines, program code, web URLs, file names, and program output
<b>Navigation &gt; Path</b>	The navigation path to reach a particular screen For example, <b>File &gt; Save</b> means, click <b>File</b> and then click <b>Save</b> on the interface
 <b>Note</b>	Configuration notes
 <b>Tip</b>	Recommendations or suggestions
 <b>Important</b>	Information regarding required or default configuration settings and product limitations
 <b>WARNING!</b>	Critical actions and configuration options

# Chapter 1

## Installation

## Before you begin

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### Important

Installing a network interface card in Deep Discovery Inspector 530/1300 requires removing the COM port permanently.

If you need the COM port to pre-configure Deep Discovery Inspector, Trend Micro recommends using Dell's iDRAC instead.

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Select the appropriate network card according to the network throughput. Deep Discovery Inspector 530/1300 supports the following cards:

- Broadcom 57412 Dual Port 10Gb, SFP+, PCIe Adapter, Low Profile
- Silicom Dual Port 1GbE Copper Bypass Card for TLS Inspection
- Silicom Dual Port 10GbE Fiber-SR Bypass Card for TLS Inspection
- Broadcom 5720 Dual Port 1Gb RJ45 Low Profile
- Silicom Dual Port 1 GbE Fiber-SX, PCIe Adapter

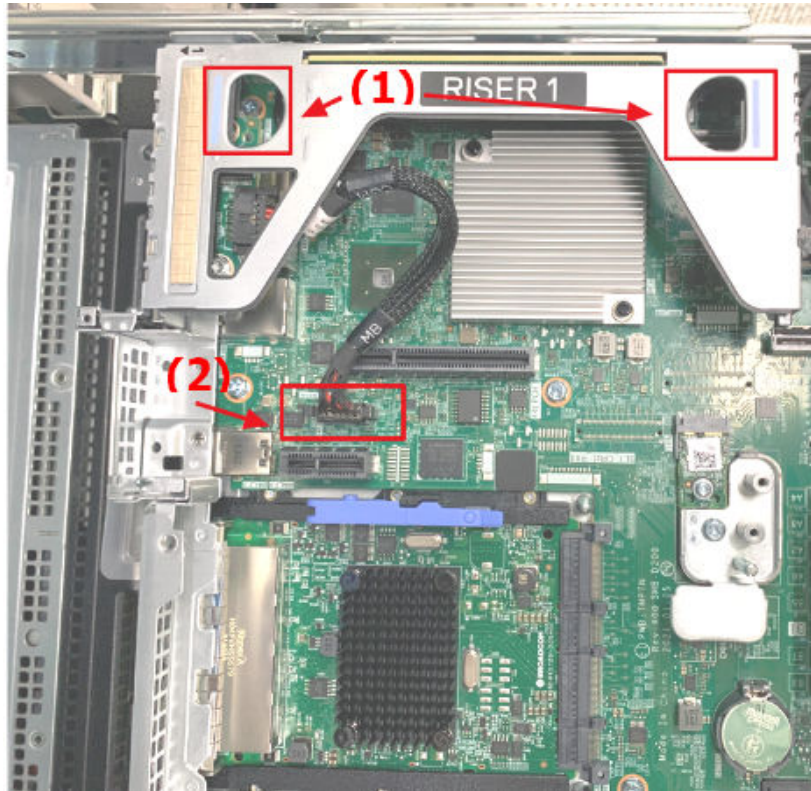
## Install the network interface card

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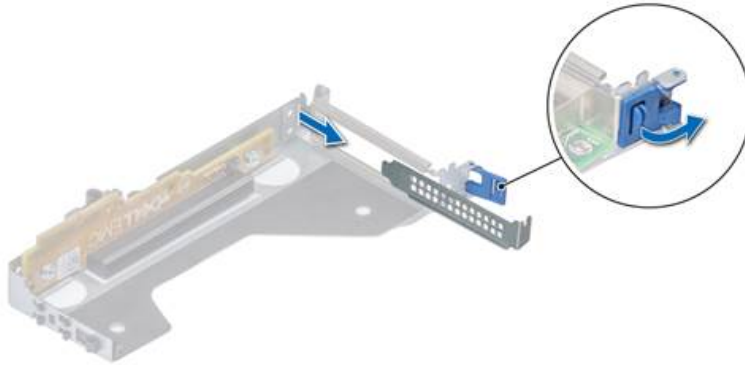
### Procedure

1. Turn off Deep Discovery Inspector.
  - a. Go to **Administration > System Maintenance > Power Off / Restart**.
  - b. Select **Power off** and click **Ok**.
2. Disconnect the power cord from the appliance.
3. Install the card in the appliance.
  - a. Remove the server's top cover.
  - b. Remove the COM port from the appliance.
    1. Hold the card riser from the sides marked with blue (1), then lift the card riser.

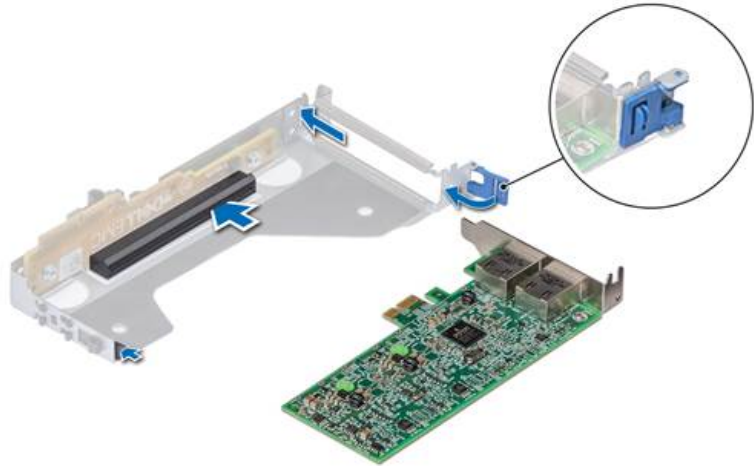
2. Disconnect the COM port connector from the motherboard (2).



- c. Open the card retention latch and remove the slot cover of an empty PCIe slot



- d.** Align the card with the server's PCIe slot, push the card in firmly until the card connects.
- e.** Close the card retention latch.



- f. Secure the card holder to the server chassis.



4. Close up the server.
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## Check the card status

After installing, check the card status on the Deep Discovery Inspector management console.

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### Procedure

1. After installing, check the card status on the Deep Discovery Inspector management console.
  2. In the management console, go to **Administration > System Settings > Network Interface**.
  3. Check the card status.
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