



ON400S

10G SFP+ PCI-E x8 Network Adapter



ON400S is a PCI-E network adapter with one 10GBase-X SFP+ port.

The ORIGO ON400S network adapter is designed for use in high-performance servers and network platforms. The adapter is based on the Intel JL82599EN controller and provides reliable connection to fiber-optic communication lines at speeds up to 10 Gbps.

The ON400S supports such features as 802.3x Flow Control, 802.1p Priority Encoding, 802.3ad Link Aggregation and Remote Boot (PXE).

The ON400S supports installation in PCI-E x8 and x16 slots. Standard and low-profile brackets are included.

Key Features

- 10GBase-X SFP+ port
- The Intel JL82599EN controller
- PCI Express x8/x16 slots installation
- IEEE 802.3ad Link Aggregation
- IEEE 802.1p Priority Encoding
- Remote Boot (PXE) support
- Windows 7/8/8.1/10/11, Windows Server, Linux OS support
- Low-profile bracket is included



Specifications

Hardware

Chipset	<ul style="list-style-type: none">• Intel JL82599EN
Interfaces	<ul style="list-style-type: none">• 10GBase-X SFP+ port
Installation Slot	<ul style="list-style-type: none">• PCI Express x8/x16
LEDs	<ul style="list-style-type: none">• Link/Act<ul style="list-style-type: none">- Solid green – device connected- Blinking green – data pass- Lights off – no connection• Speed<ul style="list-style-type: none">- Solid green – network connection is at 10 Gbps- Solid amber – network connection is at 1 Gbps

Features

Standards and Functions	<ul style="list-style-type: none">• IEEE 802.3ae 10GBase-LR• IEEE 802.3ae 10GBase-SR• IEEE 802.3aq 10GBase-LRM• PCI Express 2.0 (5 GT/s) compliant• IEEE 802.3x Flow Control• IEEE 802.3ad Link Aggregation• 15 KB Jumbo Frame• IEEE 802.1p Priority Encoding• Remote Boot (PXE)
Data Rate	<ul style="list-style-type: none">• 20 Gbps (full-duplex)

System Requirements

Operating System	<ul style="list-style-type: none">• Windows 11/10/8.x/7 (x64)• Windows Server 2022/2019/2016/2012 R2/2012 (x64)• Linux 2.4.x and later
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Physical Parameters

Dimensions (L x W)	<ul style="list-style-type: none">• 128.3 x 68.9 mm
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Operating Conditions

Power	<ul style="list-style-type: none">• PC (PCI Express)
Maximum Power Consumption	<ul style="list-style-type: none">• 3.4 W



Temperature	<ul style="list-style-type: none">• Operating: 0 to 40 °C• Storage: -20 to 70 °C
Humidity	<ul style="list-style-type: none">• Operating: 20% to 80% (non-condensing)• Storage: 20 to 80% (non-condensing)

Package Contents

Package Contents	<ul style="list-style-type: none">• ON400S PCI-E Network Adapter• Low-Profile Bracket• Quick Installation Guide
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Order Info

ON400S	PCI-E x8 Network Adapter, 1x10GBase-X SFP+
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