



10GbE NETWORK CARD

Add up to 10Gb/s Ethernet Speed to Macs, PCs, NAS solutions, and PCIe Expansion Chassis

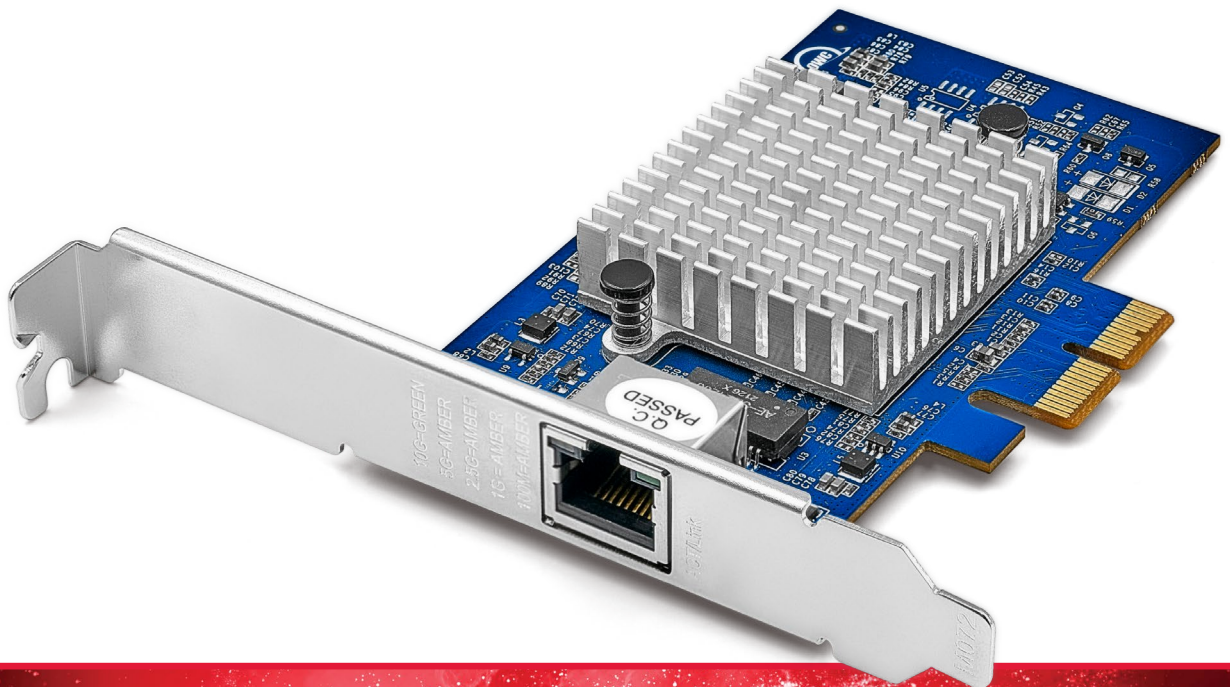


TABLE OF CONTENTS

INTRODUCTION

1.1 System Requirements 3

1.2 Package Contents 3

1.3 About This Manual 3

1.4 Overview 3

USAGE

2.1 Installation 4

2.2 Usage Notes and Best Practices 5

SUPPORT RESOURCES

3.1 Troubleshooting 6

3.2 Contacting Technical Support 6



INTRODUCTION

1.1 SYSTEM REQUIREMENTS

Hardware:

- Any 2019 Mac Pro, PC, Thunderbolt PCIe Expansion Chassis, or NAS solution with an available 4-Lane PCIe slot of Gen 2 or later.

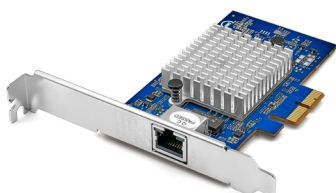
Operating System:

- macOS 12.2.1 or later
- Windows 8.1 or later
- Linux 3.1 or later

Driver:

- Required for Windows and Linux.

1.2 PACKAGE CONTENTS



OWC 10GbE Network Card
with full-height bracket



Low-profile bracket



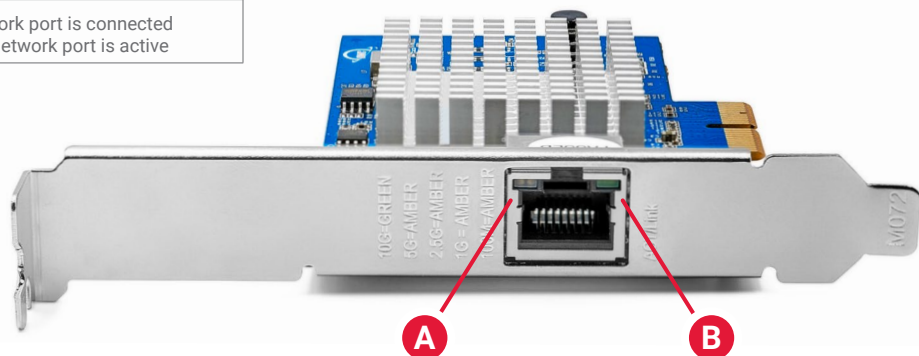
Quick start guide

1.3 ABOUT THIS MANUAL

The images and descriptions may vary slightly between this manual and the unit shipped. Functions and features may change depending on the firmware version. The latest product details and warranty information can be found on the product web page. OWC's Limited Warranty is not transferable and subject to limitations.

1.4 OVERVIEW

LED		DESCRIPTION
A	Link Speed LED	Indicates link speed:
		Solid Green = 10G Solid Amber = 5G, 2.5G, 1G, 100Mbps, 10 Mbps
B	Link/Activity LED	Indicates network card activity:
		Solid Green = Network port is connected Flashing Green = Network port is active



USAGE

2.1 INSTALLATION

IMPORTANT NOTE: Note: this card is susceptible to invisible damage if not protected during installation. For proper grounding, we recommend using a grounding strap. Work in a clean, static-free area, and avoid wearing clothing that retains static charges. Please visit this URL for more information:

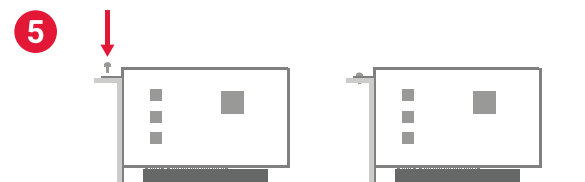
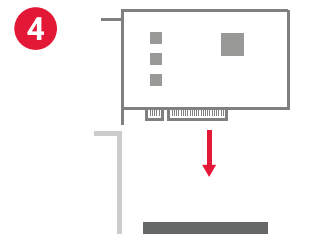
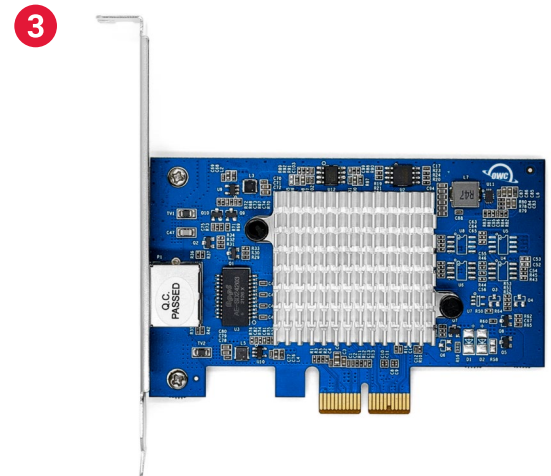
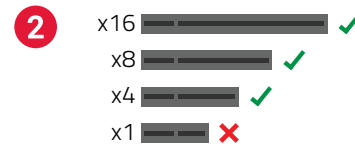
go.owc.com/antistatic

1. Before installing the 10GbE Network Card into a computer, properly shut down, unplug the power source, and disconnect any attached devices from your host.

OR

Before installing into a Thunderbolt PCIe expansion chassis, properly unmount and disconnect any chained devices, then unplug the power source.

2. Open the host so that the compatible PCIe slot is visible and accessible. Unscrew and remove the slot cover if present. Place the screw to the side as it will be used to secure the installed 10GbE Network Card.
3. Determine if your host requires a low-profile bracket. If it does, replace the pre-installed full-profile mounting bracket with the included low-profile mounting bracket.
 - Use a Phillips Head Screwdriver to remove the bracket screws (2) from the Network Card.
 - Remove the full-profile bracket.
 - Line up the low-profile bracket with the bracket holes on the back of the Network Card.
 - Insert the bracket screws (2) that were removed and carefully tighten to secure the bracket.
4. Align the PCIe connector on the 10GbE Network Card with the compatible slot, then carefully seat the card into the slot (highlighted). If there is resistance, do not force the card into the slot. Remove it, re-align the card's connector, and try again.
5. Once the card is fully seated, affix the screw to the bracket as shown. Notes: no special power connectors or other attachments are required to use this card.



6. Download the appropriate driver if using the 10GbE Network Card with Windows or Linux.

Windows

- Visit go.owc.com/10gethernetpciecard/drivers
- Download the driver
- Follow the on-screen instructions to finish installing the driver

Linux

- Visit go.owc.com/10gethernetpciecard/drivers
- Download the driver
- Follow the Readme.txt which is in the driver folder to finish installing the driver

2.2 USAGE NOTES

- For speeds under 10Gb/s at distances up to 55m, a Cat 5e cable is sufficient. For all 10Gb/s connections, and at distances greater than 55m, a high-quality Cat 6a or later cable is recommended.
- The cable type, i.e Cat5e, Cat 6a, is a silkscreen located physically on the cable. Inspecting the cable will help you identify the cable type.
- 2.5GBASE-T and 5GBASE-T requires NBASE-T (IEEE 802.3bz) multi-Gigabit compatible switch/router.
- Use of AVB requires AVB compatible switch/router.

SUPPORT RESOURCES

3.1 TROUBLESHOOTING

- If the card is not being recognized by the host, please ensure the appropriate driver is downloaded and installed.
- Ensure the network card is fully seated in your host. Remove and reinstalling the network card may resolve any issues with the network card not showing in your system.
- Performance results will vary depending on the cable type and host port supported speeds. Consult your host manufacturer for performance capabilities.
- OWC support is here to help you. Please have your serial number ready which can be located on the rear side of your 10GbE Network Card and printed on the original packaging.

3.2 CONTACTING TECHNICAL SUPPORT



Phone: M–F, 8am–6pm CT
1.866.692.7100 (N. America) | +1.815.338.4751 (Int'l)



Chat: M–F, 8am–6pm, Sat 9am–5pm CT
www.owc.com/support



Email: Answered within 48 hours
www.owc.com/support



CHANGES:

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FCC STATEMENT:

Warning! Modifications not authorized by the manufacturer may void the user's authority to operate this device. 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 with radio or television reception, which can be determined by turning the equipment off 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 to an outlet on a circuit different from that to which the receiver is connected.

WARRANTY:

The 10GbE Network Card has a [1 Year OWC Limited Warranty](#). For up-to-date product and warranty information, please visit eshop.macsales.com/item/OWC/PCIE10GB/

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