

10G Ethernet
Network Interface Card

ENW-9801/ENW-9803
Quick Installation Guide

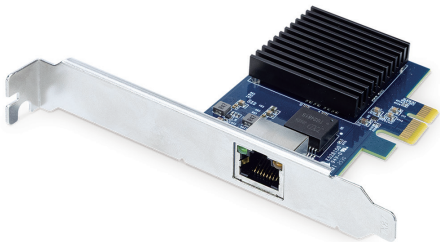
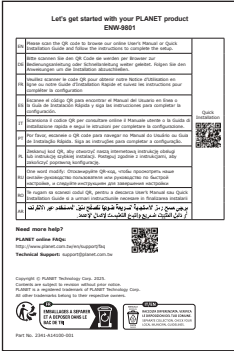
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Thank you for purchasing PLANET ENW-9801 10Gbps SFP+ / ENW-9803 10GBASE-T PCI Express Server Adapter. It supports PCI Express interfaces. The ENW-9801/ENW-9803 provides a highly Efficient solution that can upgrade your existing Ethernet infrastructure to the 10 Gigabit network.

1. Package Contents

- 1 x ENW-9801 or ENW-9803 (with long profile bracket)
- 1 x QR Code Sheet
- 1 x Low Profile Bracket

ENW-9801	ENW-9803
	
QR Code Sheet	Low Profile Bracket
	

2. Requirements

■ PCI-Express support

ENW-9801: The Server/Workstation supports **PCI Express v3.0** (8GT/s) and PCI Express (PCIe) x4 interfaces.

ENW-9803: The Server/Workstation supports **PCI Express v4.0** (16GT/s) and PCI Express (PCIe) x1 interface.



Note

Below are the different PCI Express Slots.

The ENW-9801 is compatible with PCIe 3.0 x4 slots or higher.

The ENW-9803 is compatible with PCIe 4.0 x1 slot or higher



PCIe x1



PCIe x4



PCIe x8



PCIe x16

Operating System Support:

Windows Server 2022 64 bits

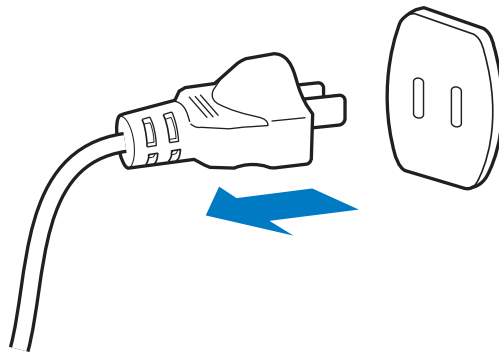
Windows 10 32/64 bits

Windows 11 64 bits

10G Ethernet LINUX driver r8127 for kernel 6.15

3. Hardware Installation

Step 1: Please turn off your PC.

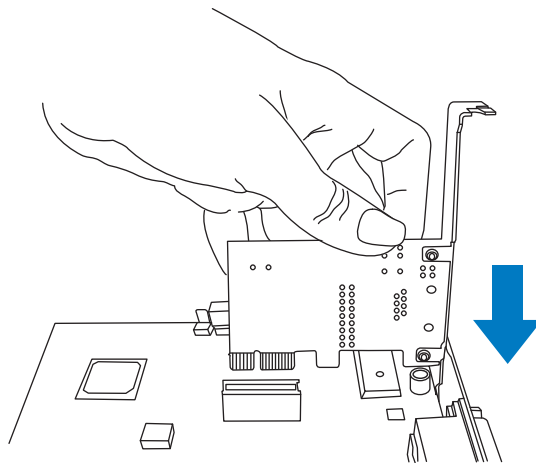


Step 2: Remove any metal decorations from your hands and wrists.

Step 3: Remove the cover from your PC.

Step 4: Locate an empty PCI Express slot and remove the corresponding back plate. Save the screw for use in Step 6.

Step 5: Carefully insert the 10 Gigabit Ethernet Adapter into the chosen slot and press firmly with proper push to ensure it is fully seated in the slot.



Step 6: Secure the 10 Gigabit Ethernet Adapter with the screw you saved in Step 4.

Step 7: Replace the PC cover.

Step 8: Power on your PC and refer to the next section to install driver.

4. Installation on Windows 10

Before installing drivers of ENW-9801/ENW-9803 server adapter, please visit PLANET ENW-9801/ENW-9803 web pages to download the drivers for your operation system.

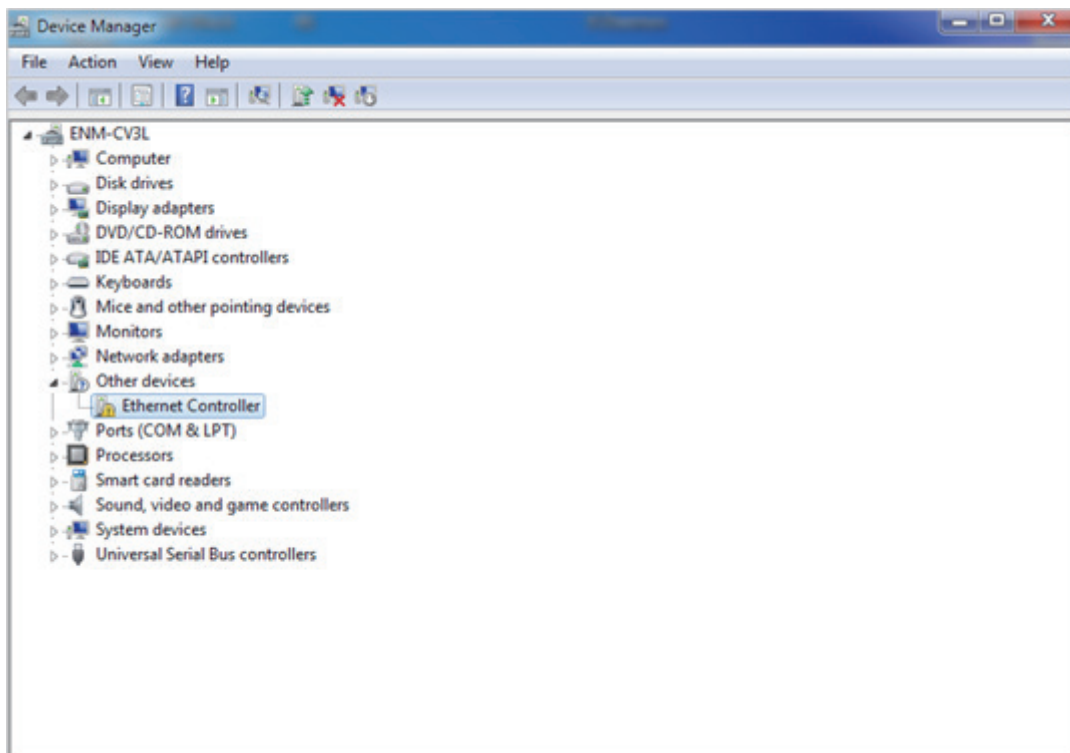
<https://www.planet.com.tw/en/support/downloads?&method=keyword&keyword=ENW-980&view=4#list>



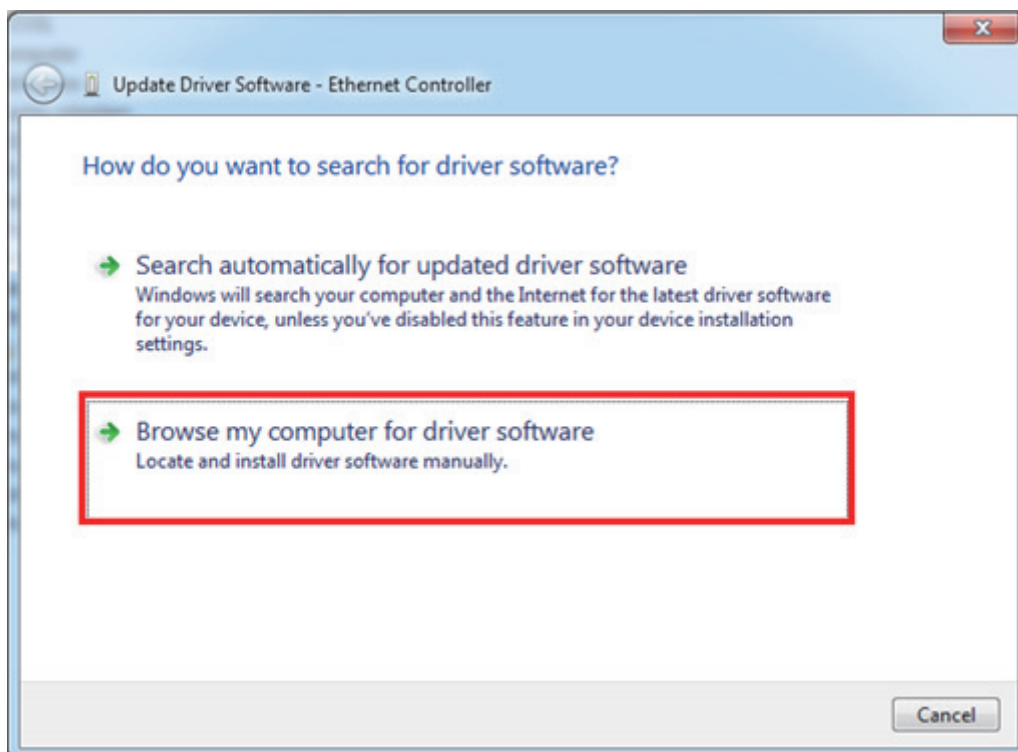
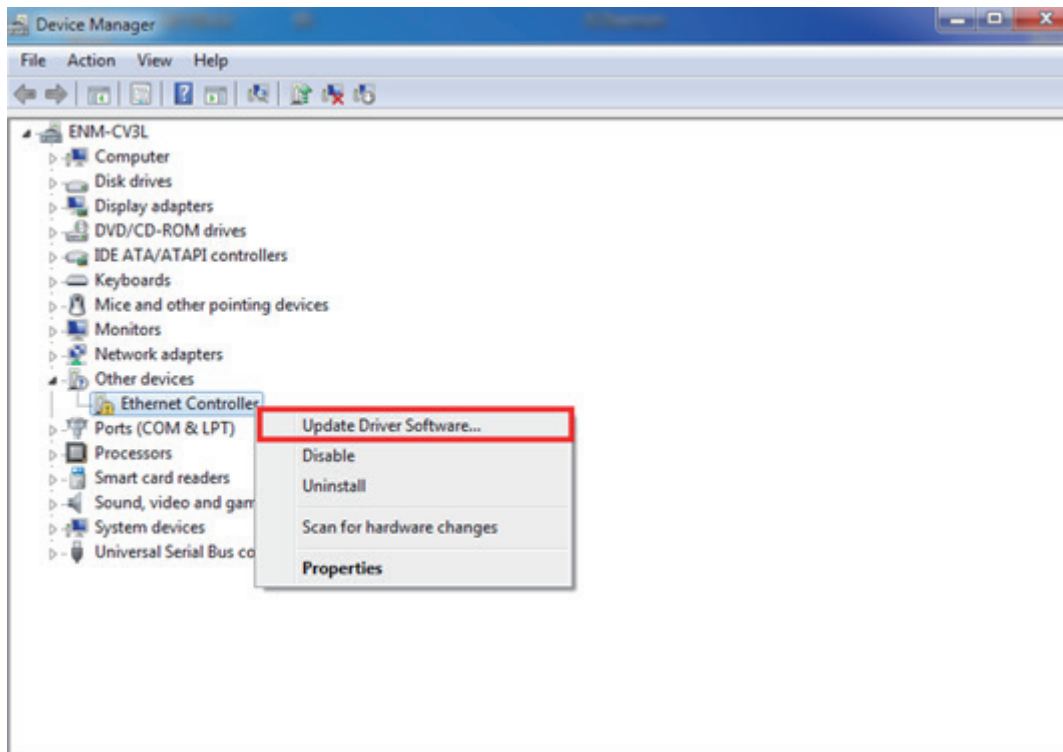
Note

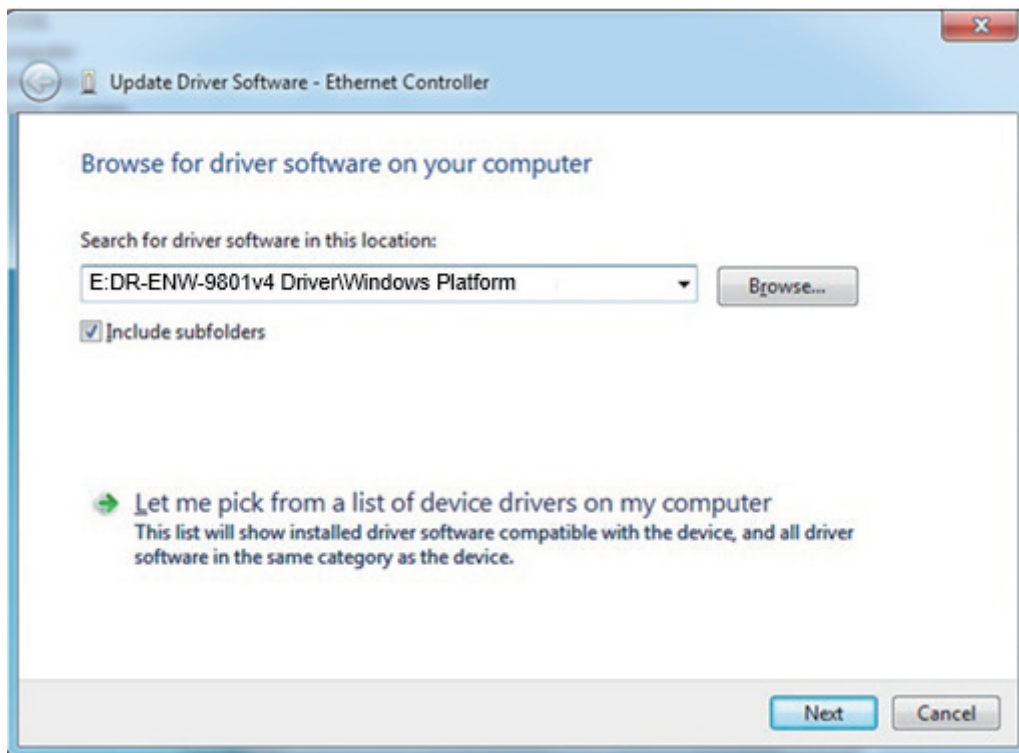
1. For window 10 and other windows-based operation system, the operation system will detect server adapter and install driver automatically. However, if driver is not installed successfully, you have to install driver manually.
2. This operation is under Windows 10 which it is similar to Windows 11/ Windows Server 2022.

1. Open Device Manager → Network adapters.

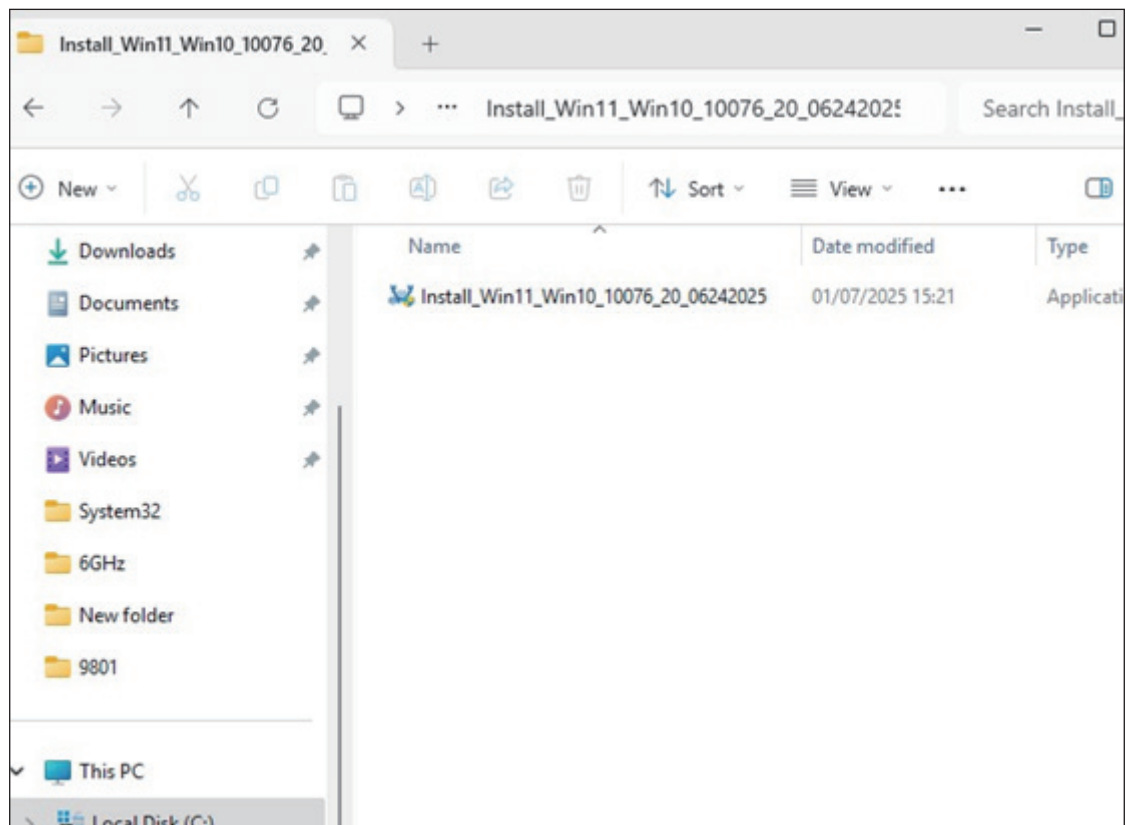


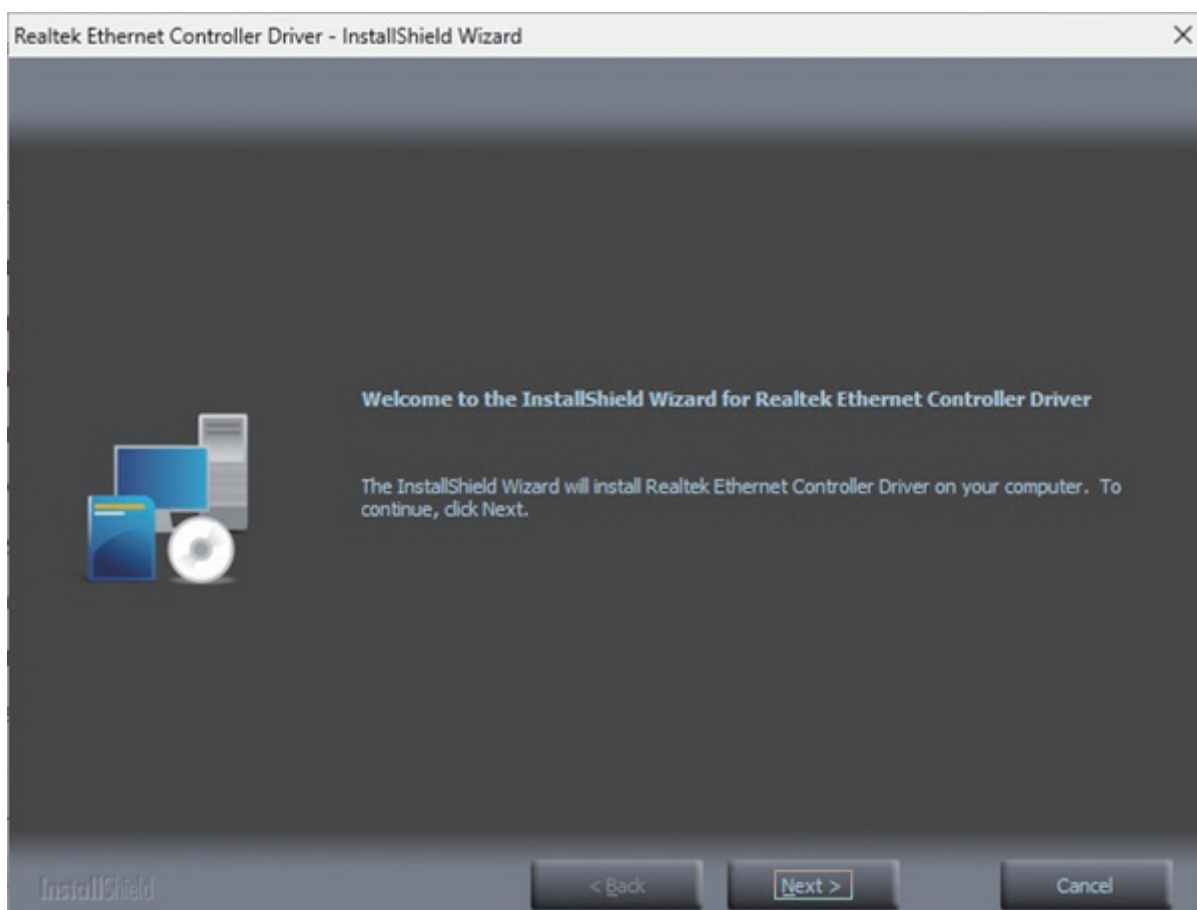
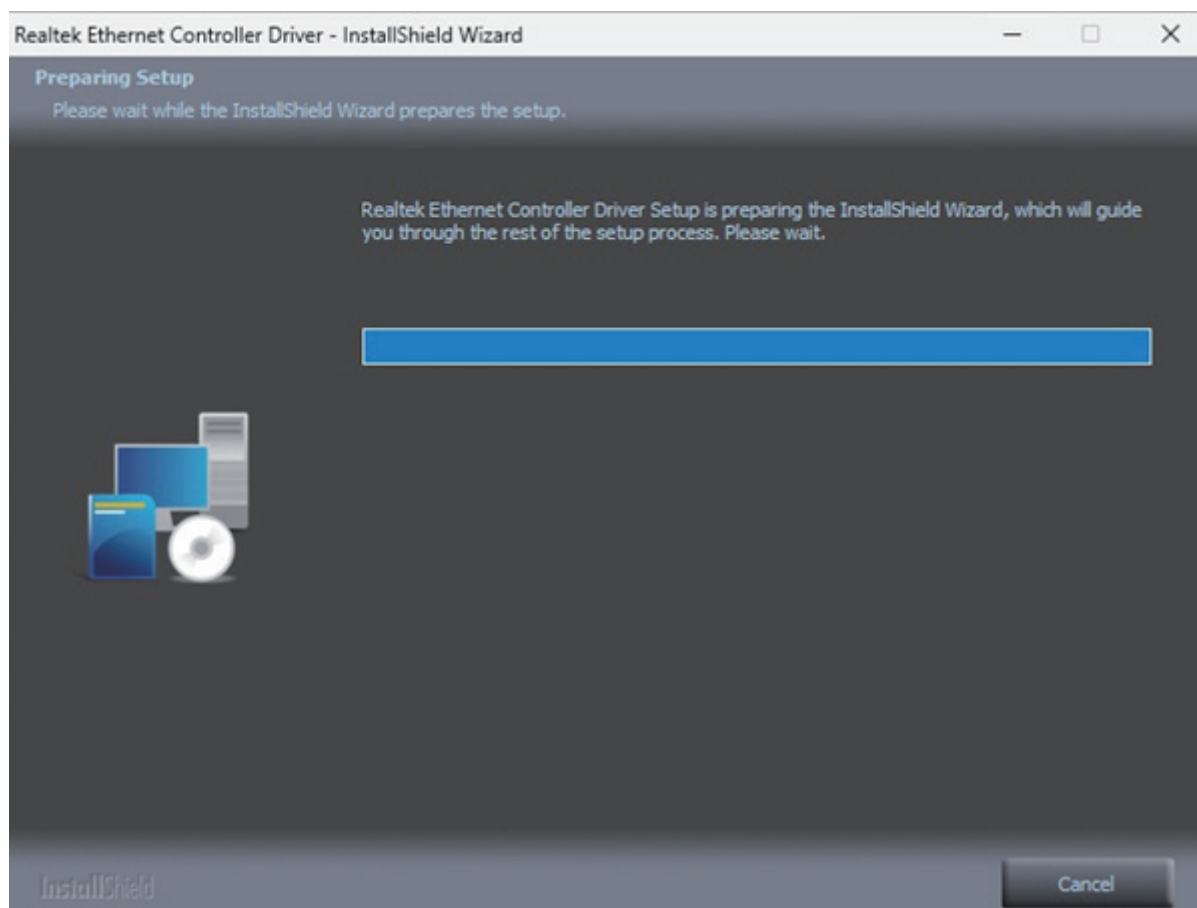
2. Right-click the adapter and select Update driver → Browse my computer for driver software → Let me pick (if needed).

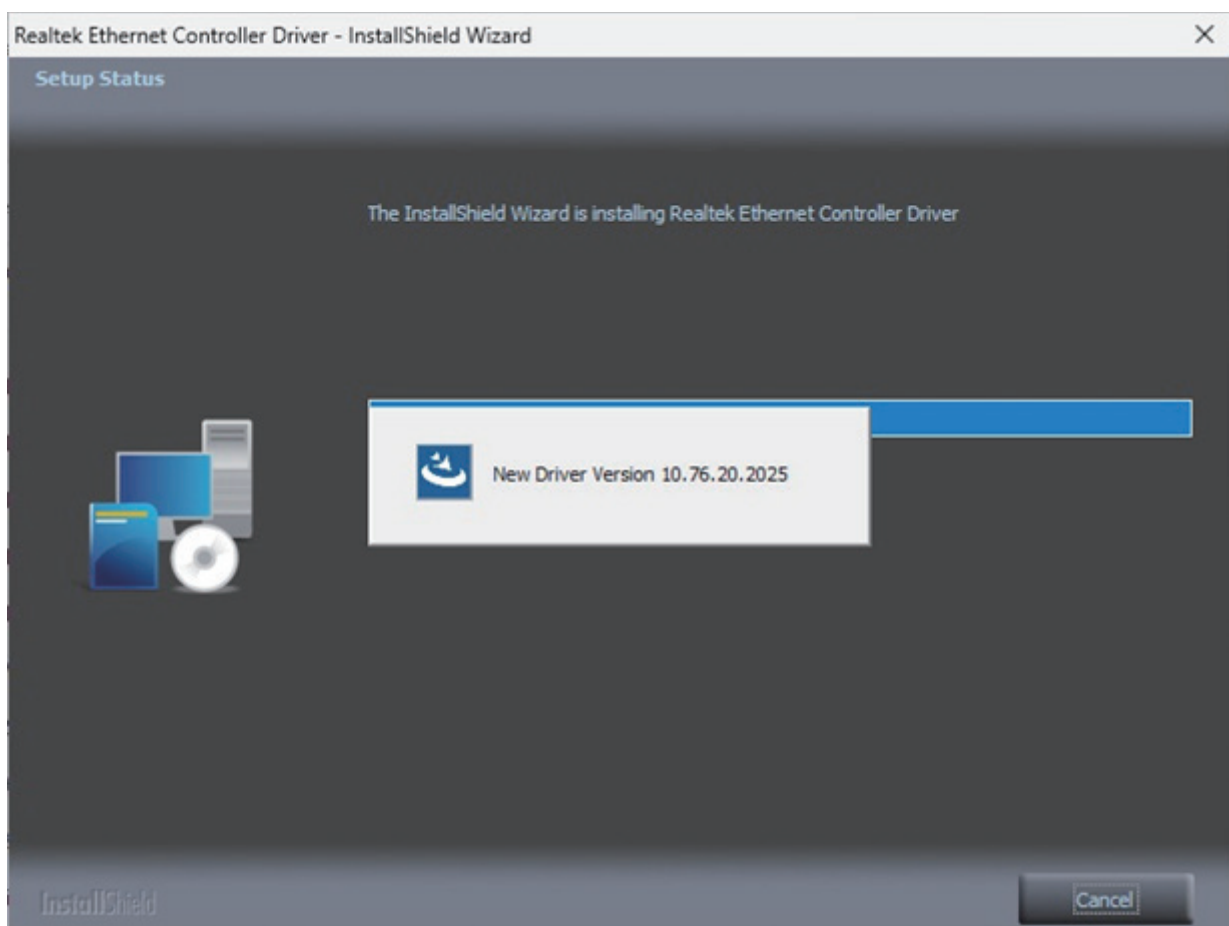
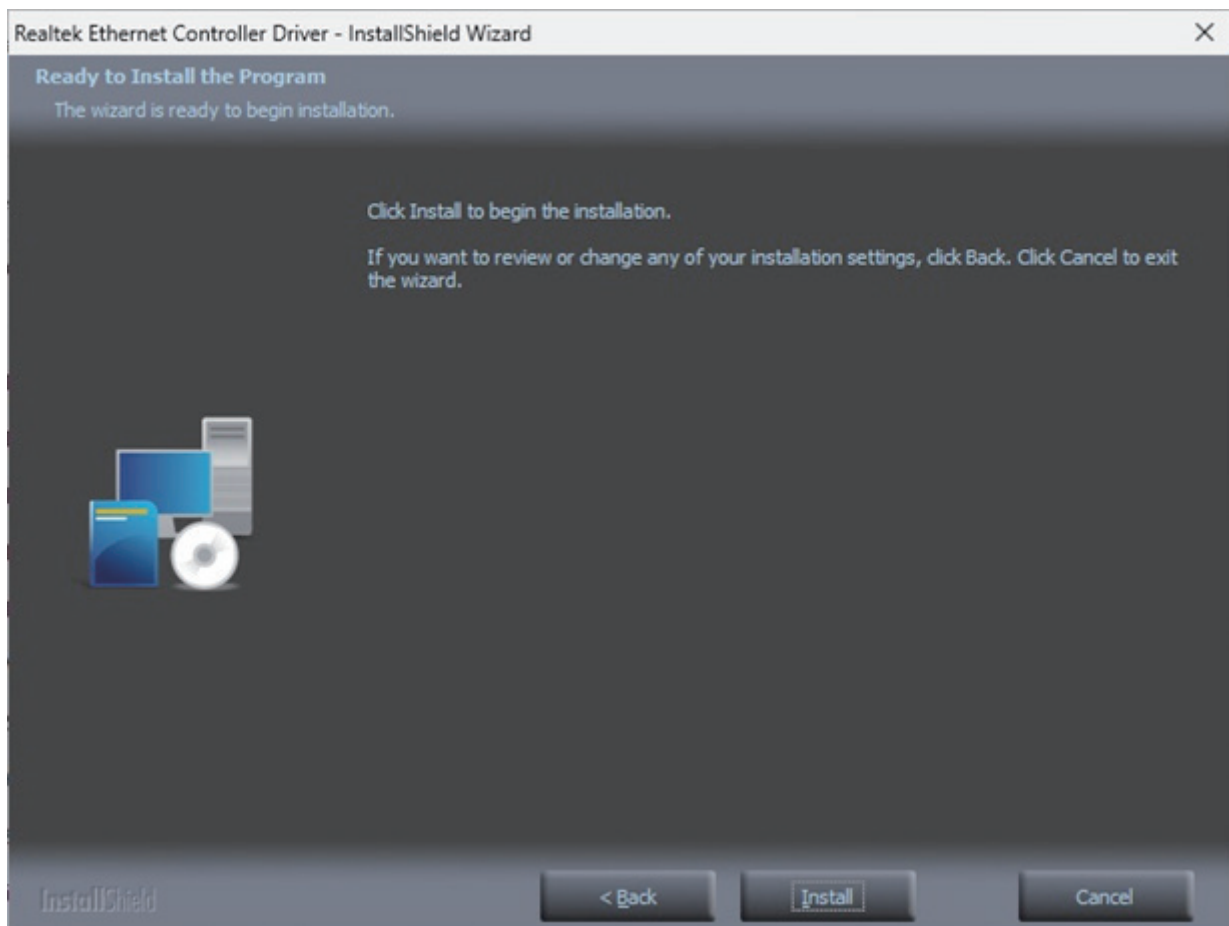


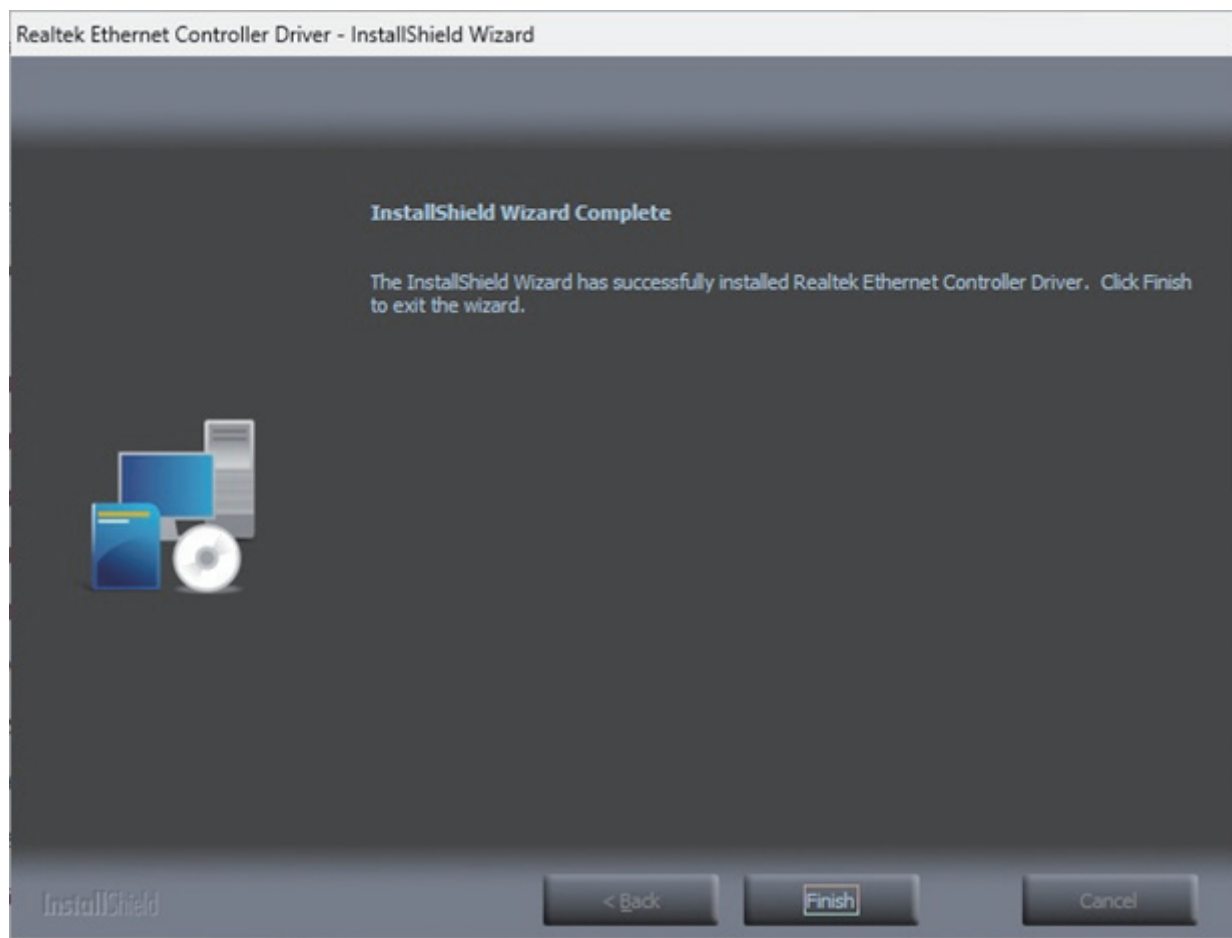


3. Please select **"Browse my computer for driver software"** and browse to the extracted driver folder and click Next to install.









4. Verify the device shows as an Realtek PCIe 10GbE Family Controller under Network adapters.



5. LED Indicators

ENW-9801

LED	Color	Function
Link Speed	Green	Lights indicates the link is established at 10Gbps full duplex mode. Off indicates the link is established at 1Gbps full duplex mode.
LNK/ACT	Green	When it lights, it indicates a functional network link through the port. When it blinks fast, it indicates data is transmitting and receiving through the port.

ENW-9803

LED	Color	Function
Link Speed	Amber	Indicates the link is established at 10Gbps full duplex mode.
LNK/ACT	Green	When it lights, it indicates a functional network link through the port. When it blinks fast, it indicates data transmit and receive through the port.

Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource and User's Manual on PLANET Web site first to check if it could solve your issue. If you need more support information, please contact PLANET support team.

PLANET online FAQs:

<http://www.planet.com.tw/en/support/faq>

Support team mail address:

support@planet.com.tw

ENW-9801v4 and ENW-9803v4 User's Manual:

<https://www.planet.com.tw/en/support/downloads?&method=keyword&keyword=ENW-980&view=3#list>



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