Manuals+ — User Manuals Simplified.

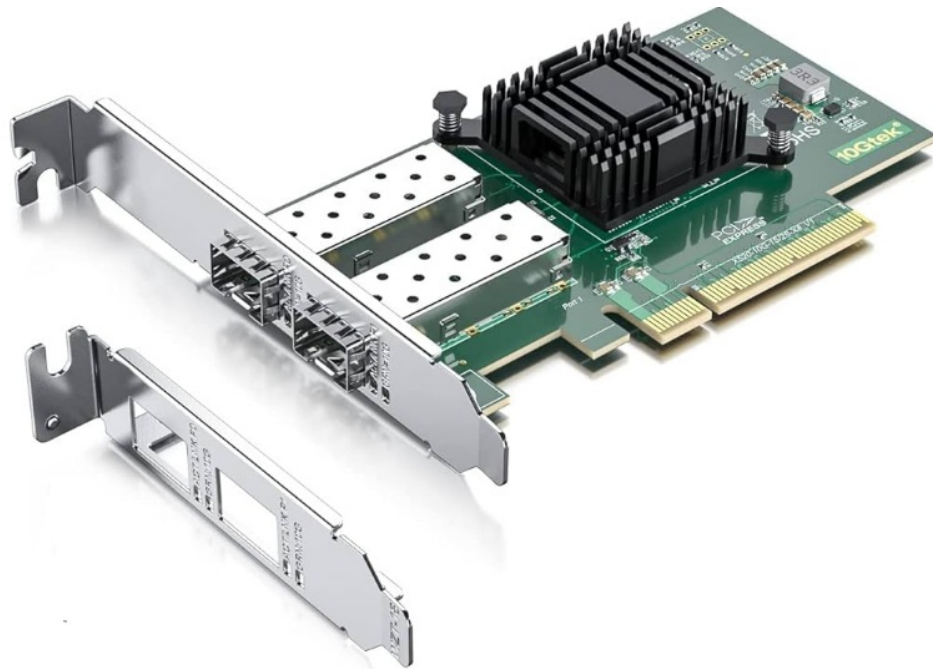# intel X520-10G-2S 10Gb PCI E NIC Network Card Installation Guide

Contents

intel X520-10G-2S 10Gb PCI E NIC Network Card

Product Information

Specifications:

- Product: X520/X540 Network Card
- Operating System: Windows 11
- Driver Compatibility: Windows 10 driver

Product Usage Instructions

1. Insert the X520/X540 network card into the host machine and power on the machine to boot into the Windows 11 system.
2. Open the Device Manager in the Windows 11 system to check if the Ethernet Controller is recognized. If it is not recognized, follow the troubleshooting steps below.
3. If the Ethernet Controller is not recognized, first ensure that the network card is properly inserted and connected. You can also try inserting the card into a different socket to identify if the issue is with the card or the socket.
4. Download the Windows 10 driver for the X520/X540 network card from either the Intel website or the included CD provided by the network card manufacturer. The driver can be downloaded from the following link: **Intel Network Adapter Driver for Windows 10**.
5. Unzip the downloaded "Wired_driver_xxx_x64.zip" file and extract the "Wired_driver_xxx_x64.exe" file from the resulting folder. Extract the "Wired_driver_xxx_x64.exe" file again from the resulting folder.
6. In the Device Manager, locate and select the Ethernet Controller. Right-click on it and choose "Update Driver".
7. Select "Browse My Computer to Find Driver Software".
8. Click "Browse" and navigate to the folder where the downloaded and unzipped driver file is located. Click "Next" to automatically install the driver.
9. Repeat steps 6-8 for the second Ethernet Controller to install the driver for the second port.

Frequently Asked Questions (FAQ)

Q: Why is the Windows 10 driver used for the X520/X540 network card on a Windows 11 system?

A: Intel has not provided a Windows 11 driver for the X520/X540 network card. However, our company has tested and confirmed that manually updating the Windows 10 driver allows it to be successfully installed and used in a Windows 11 system.

Q: Will updating the driver void the product warranty?

A: Yes, it is important to note that updating the driver may void the product warranty.

Q: What should I do if the Ethernet Controller is not recognized in the Device Manager?

A: If the Ethernet Controller is not recognized, first ensure that the network card is properly inserted and connected. You can also try inserting the card into a different socket to identify if the issue is with the card or the socket.

Installation Guide for Windows 11 Driver on X520/X540

Because Intel has not provided a Windows 11 driver for the X520/X540 network card, the Windows 10 driver cannot be installed by double-clicking in a Windows 11 system. Our company has tested and found that it is possible to manually update the Windows 10 driver, and the driver can be successfully installed and used in the test. However, it is important to note that the driver update process may void the product warranty. Here is an example of how to install the driver for an X520-10G-2S network card in a Windows 11 system:

1. Insert the network card into the host machine and turn on the host machine to boot into the Windows 11
2. Open the Device Manager in the Windows 11 system and check if the Ethernet Controller is recognized. As shown in the image below, the device is recognized by Windows 11:
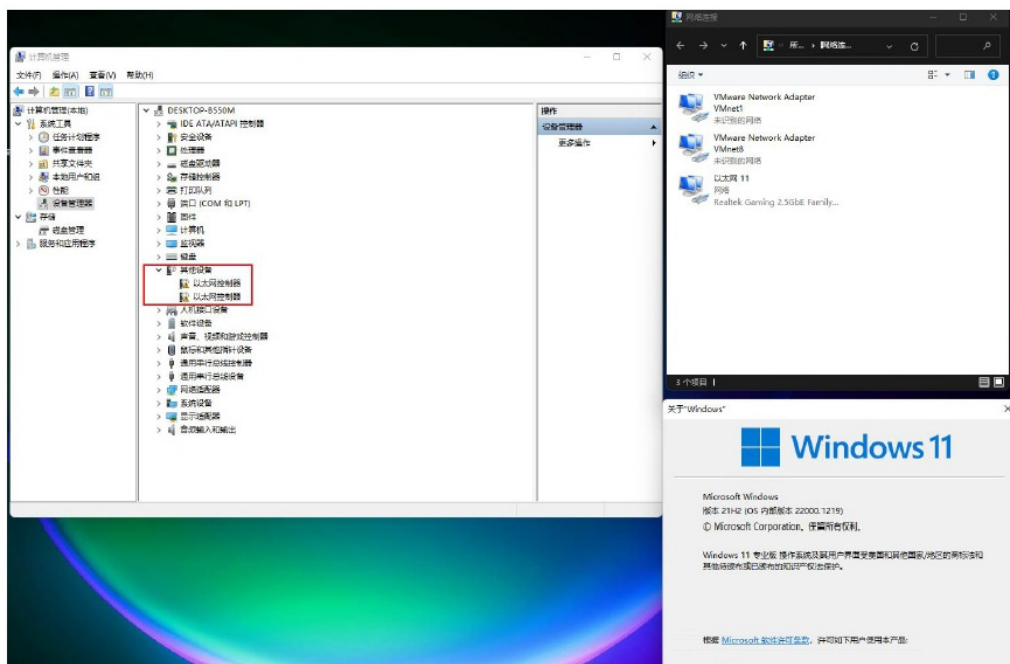
Explanation: If the Ethernet Controller is not recognized, it means that the host machine is not recognizing the network card chipset. You need to check if the network card is properly inserted and connected, and also consider trying to replace the card in a different socket to test if the issue is with the card or the socket.

3. Download the Windows 10 driver for the X520 network card from the Intel website or the included CD from the

network card manufacturer to a local hard drive.

Note   Intel driver download

https://www.intel.com/content/www/us/en/download/18293/intel-network-adapter-driver-for-windows-10.ht ml

4. Unzip the downloaded Wired_driver_xxx_x64.zip file and extract the Wired_driver_xxx_x64.exe file from the resulting folder. Extract the Wired_driver_xxx_x64.exe file again from the resulting folder.
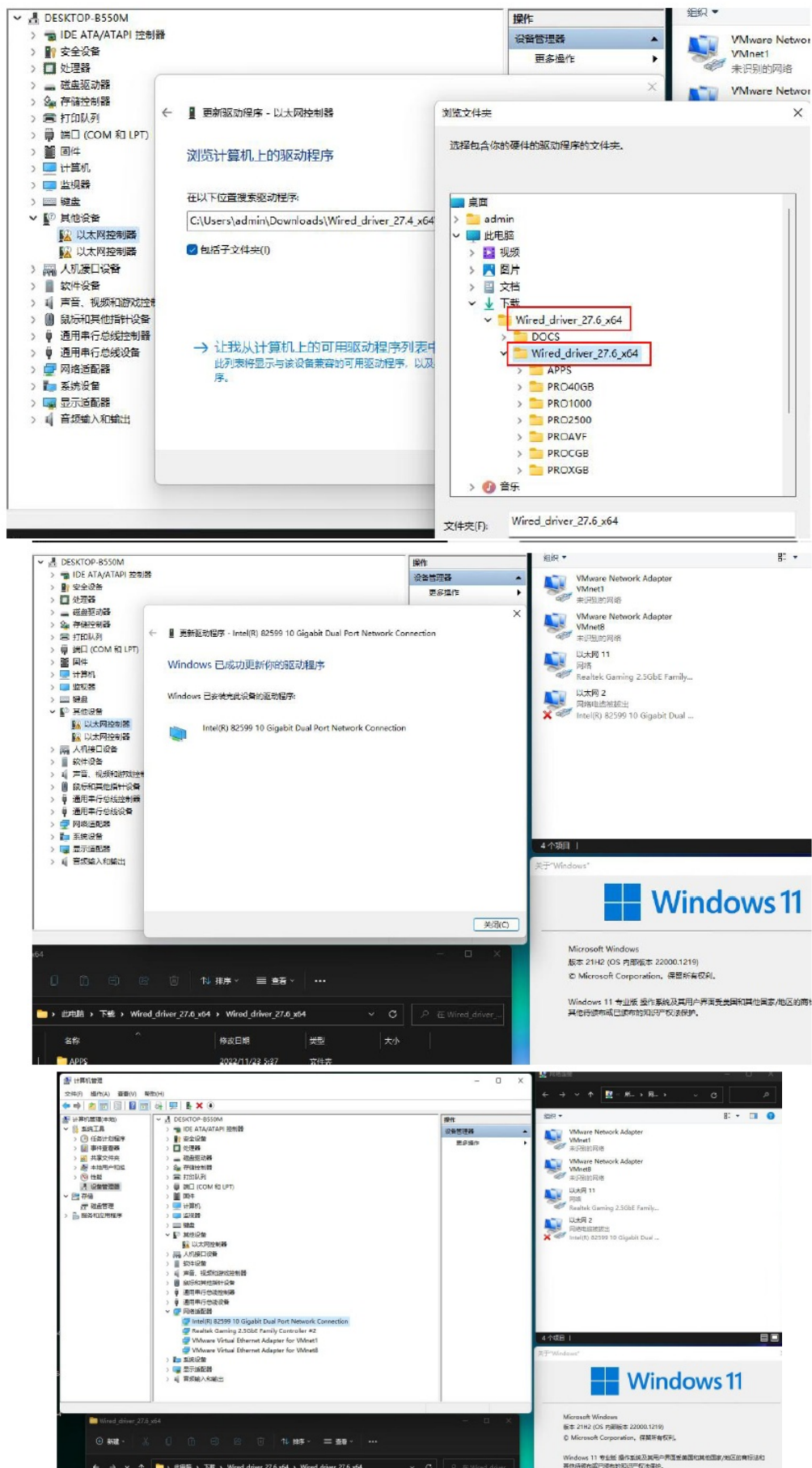

5. In the Device Manager, select the Ethernet Controller, right-click on it, and select Update Driver.
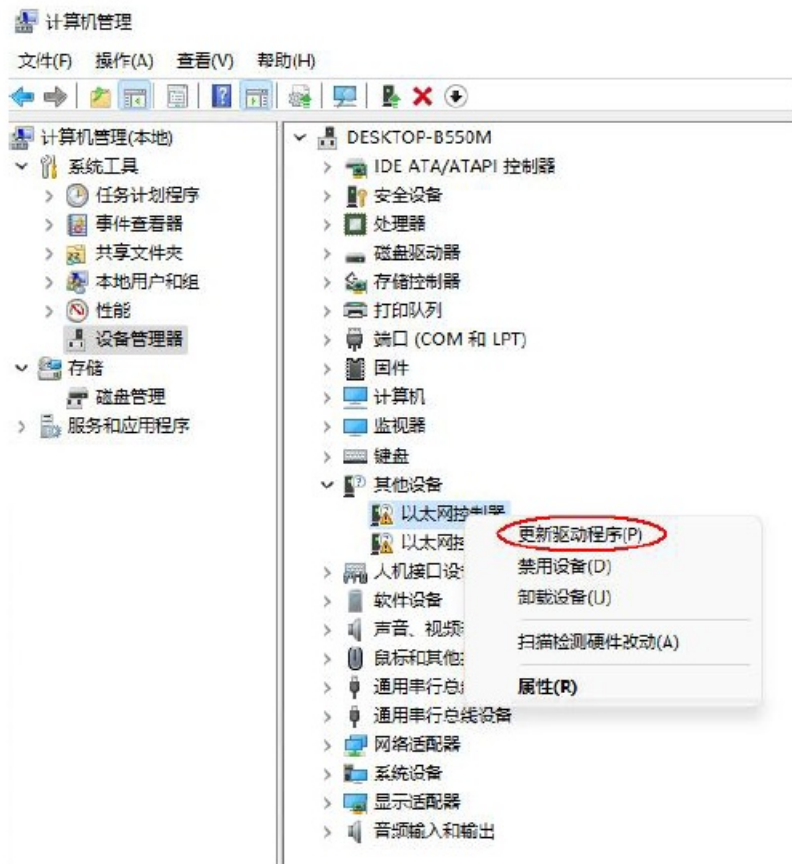
6. Select: Browse My Computer to Find Driver Software
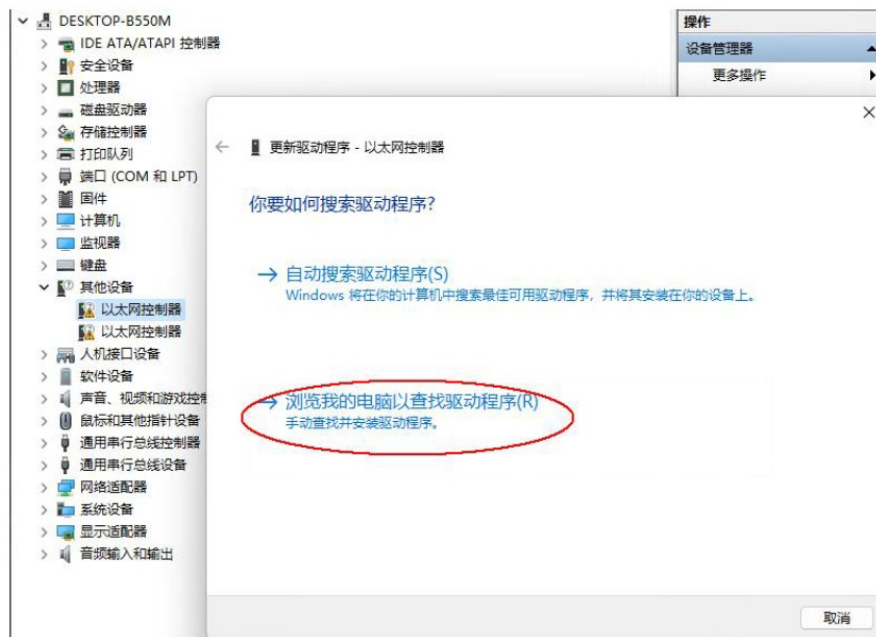
7. Click Browse, select the folder where the downloaded and unzipped file was saved, and click Next to automatically install the driver.

8. In the Device Manager, right-click on the second Ethernet Controller, and repeat the steps 5, 6, and 7 to install the driver for the second port.
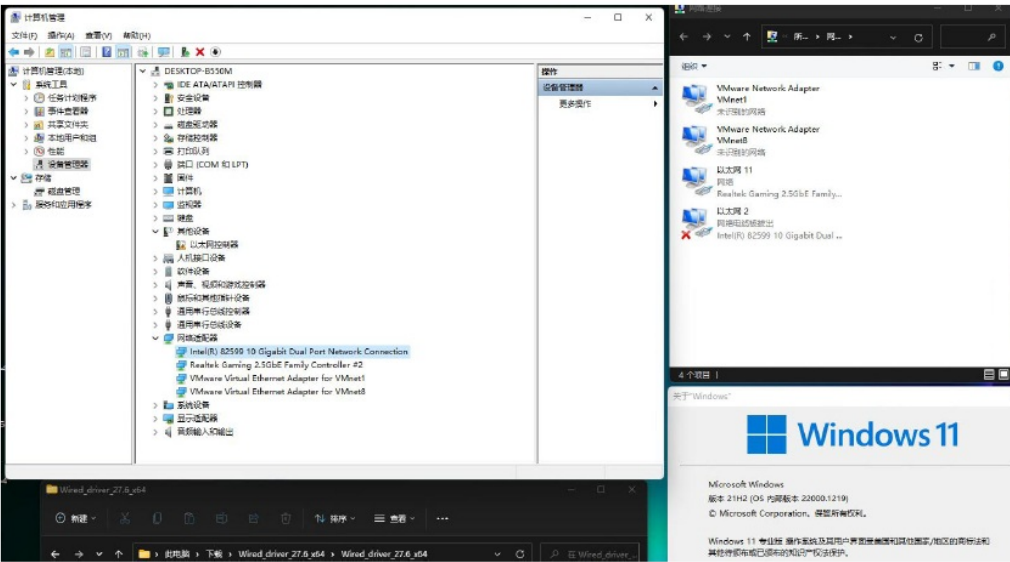
Documents / Resources

[intel X520-10G-2S 10Gb PCI E NIC Network Card](#) [pdf] Installation Guide
X520-10G-2S 10Gb PCI E NIC Network Card, X520-10G-2S, 10Gb PCI E NIC Network Card,
NIC Network Card, Network Card, Card

References

- **User Manual**