N58

USB Driver Installation Guide

Issue 2.0 Date 2020-05-19

Notice

This document provides a guide for users to use N58.

This document is intended for system engineers (SEs), development engineers, and test engineers.

THIS GUIDE PROVIDES INSTRUCTIONS FOR CUSTOMERS TO DESIGN THEIR APPLICATIONS. PLEASE FOLLOW THE RULES AND PARAMETERS IN THIS GUIDE TO DESIGN AND COMMISSION. NEOWAY WILL NOT TAKE ANY RESPONSIBILITY OF BODILY HURT OR ASSET LOSS CAUSED BY IMPROPER OPERATIONS.

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Contents

About This Document

Scope

This document is applicable to the **N58** series and describes the installation process of N58 drivers.

Audience

This document is intended for system engineers (SEs), development engineers, and test engineers.

Change History

Issue	Date	Change	Changed By
2.0	2020-02	Initial draft	Wu GuoQing

Conventions

Symbol	Indication
!	This warning symbol means danger. You are in a situation that could cause fatal device damage or even bodily damage.
!	This caution symbol means the reader be careful. In this situation, you might perform an action that could result in module or product damages.
i	Means note or tips for readers to use the module

Related Documents

Neoway_N58_Datasheet

Neoway_N58_Product_Specifications

Neoway_N58_AT_Command_Mannual

Neoway_N58_EVK_User_Guide

1 Overview

N58 is an industrial-grade LTE Cat1 module that is developed on the UNISOC platform. It allows customers to debug and upgrade firmware and to capture logs through USB on Windows OS.

This document describes the process of installing N5 USB driver.

Preparation:

- N58 module (firmware version is later than N58-R02-STD_BZ-02D)
- USB cable
- USB driver program
- Computer running Window7/Windows8/Windows10 OS

2 Disabling Driver Signature Enforcement

Before installing N58 drivers on Windows OS, you need to disable driver signature enforcement so that the diver can be installed successfully.
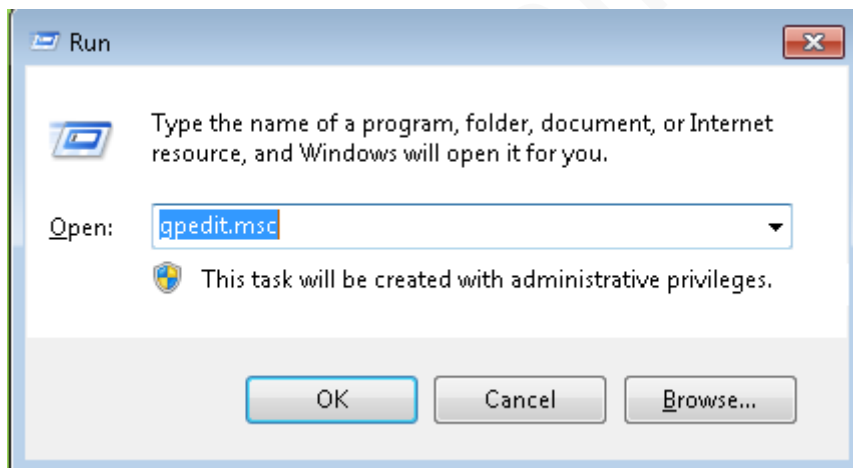
This chapter describes how to disable driver signature enforcement on different Windows OS.
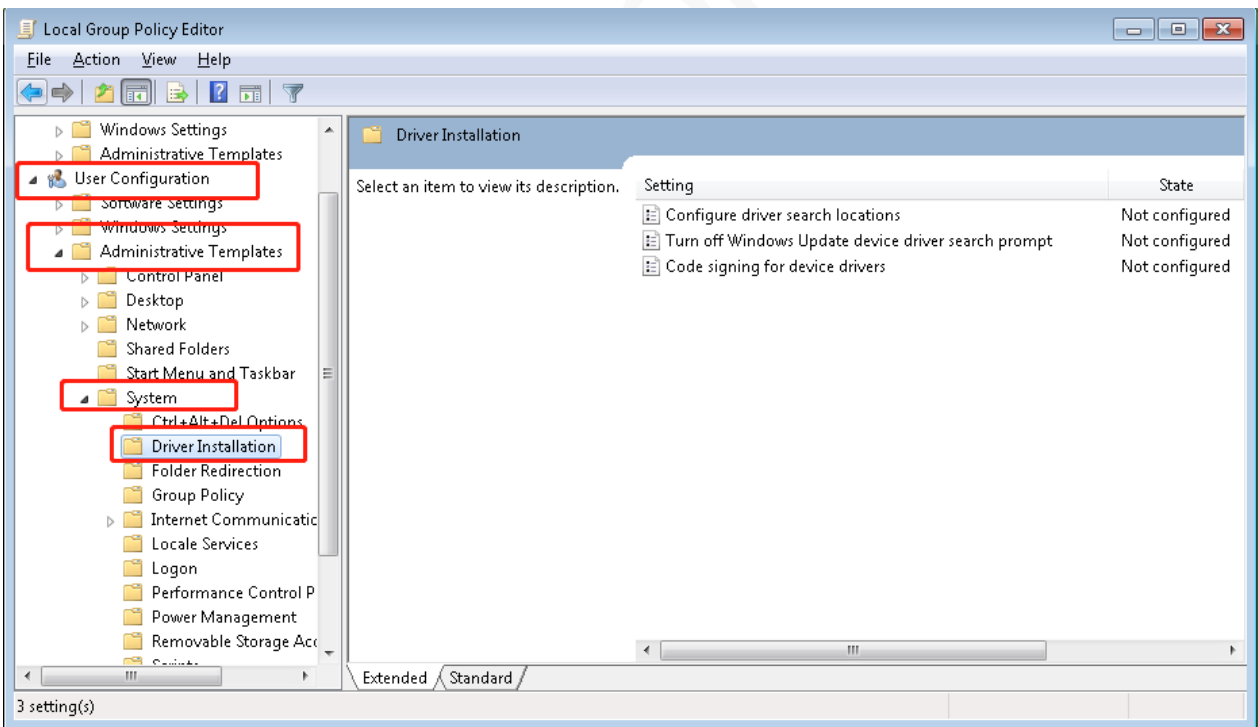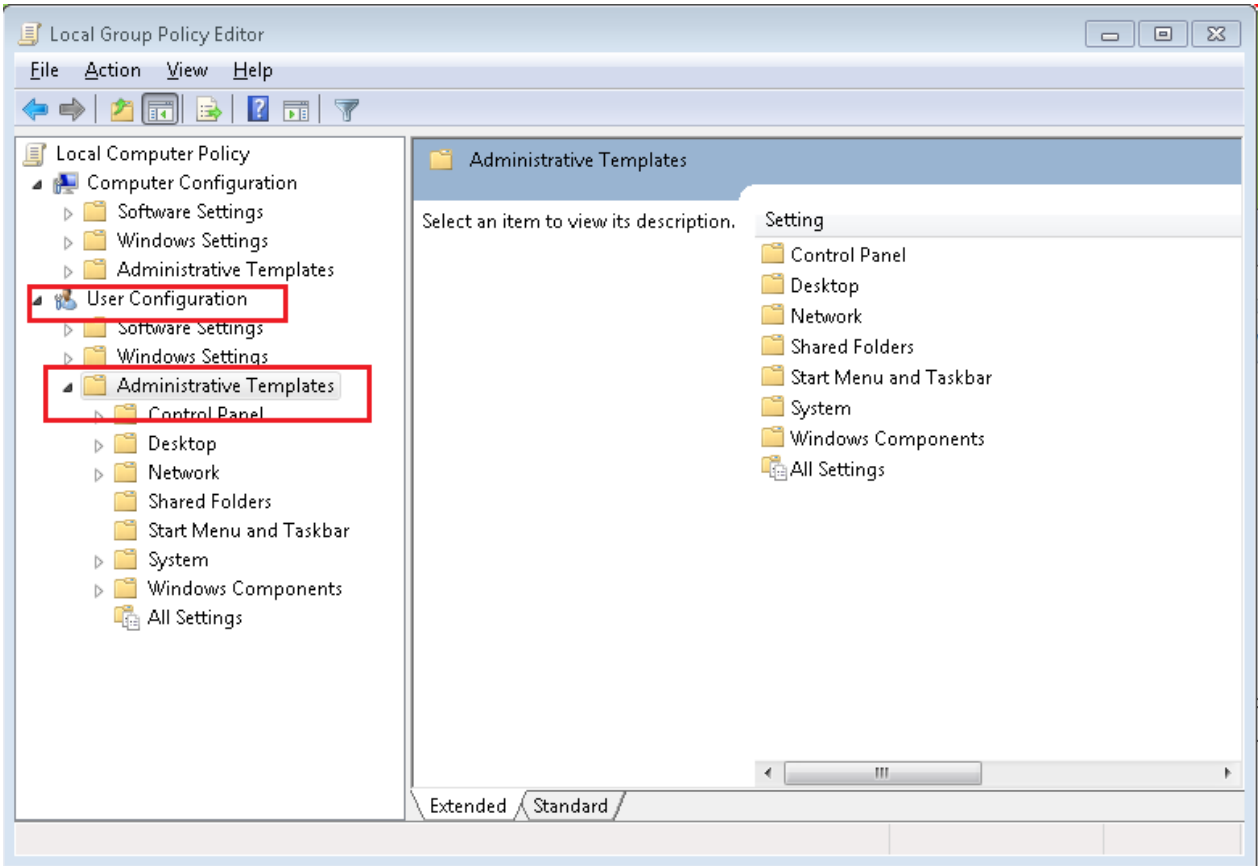
2.1 On Windows 7/8

On a computer running Windows 7/8, perform the following steps to disable driver signature enforcement:

Step 1: Press **Window + R**, input **gpedit.msc** in the **Run** dialog box and press **Enter**.
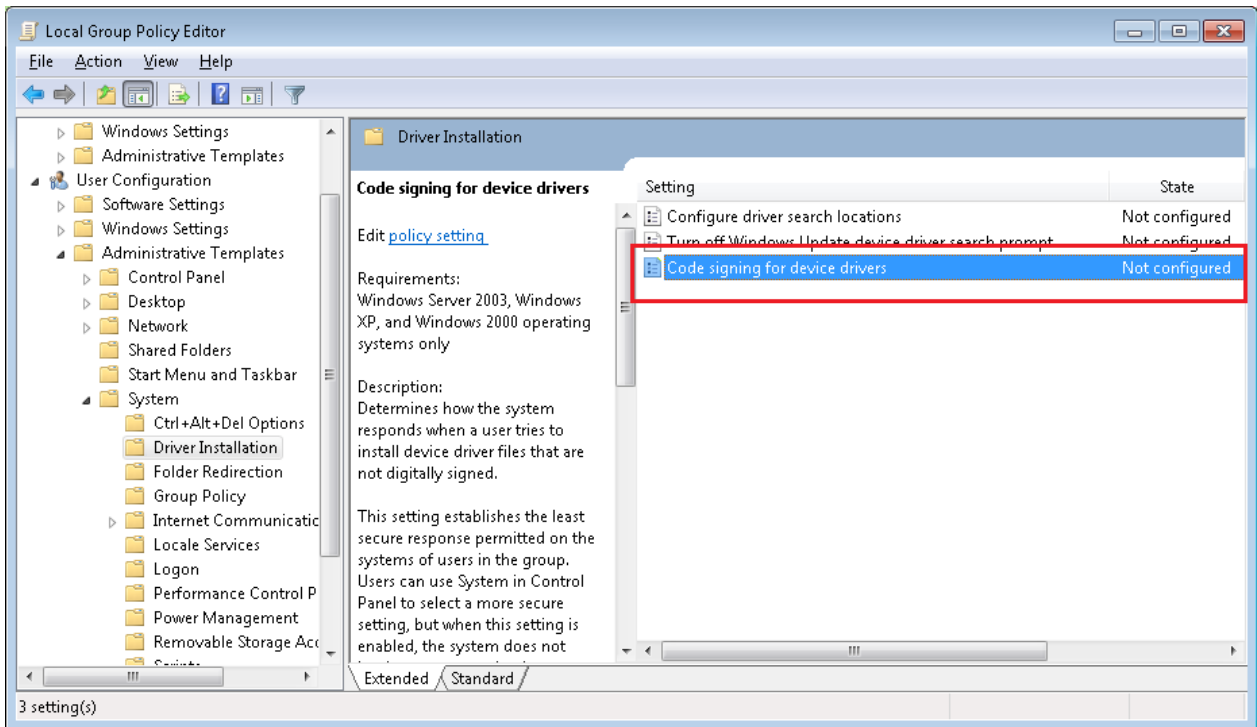
Local Group Policy Editor is opened.

Step 2: In Local Group Policy Editor, choose **User Configuration** > **Administrative Template** > **System** > **Driver Installation** from the navigation tree in the left panel.

Step 3: In the **Setting** panel, double-click **Code signing for device driver**.

Step 4: In the dialog box that is displayed, choose **Warn** from the **When Windows detects a driver file without a digital signature:** dropdown list and click **OK**.

When an unknown driver program is installed, Windows displays an alarm dialog box and users can decide if the driver should be installed or not.
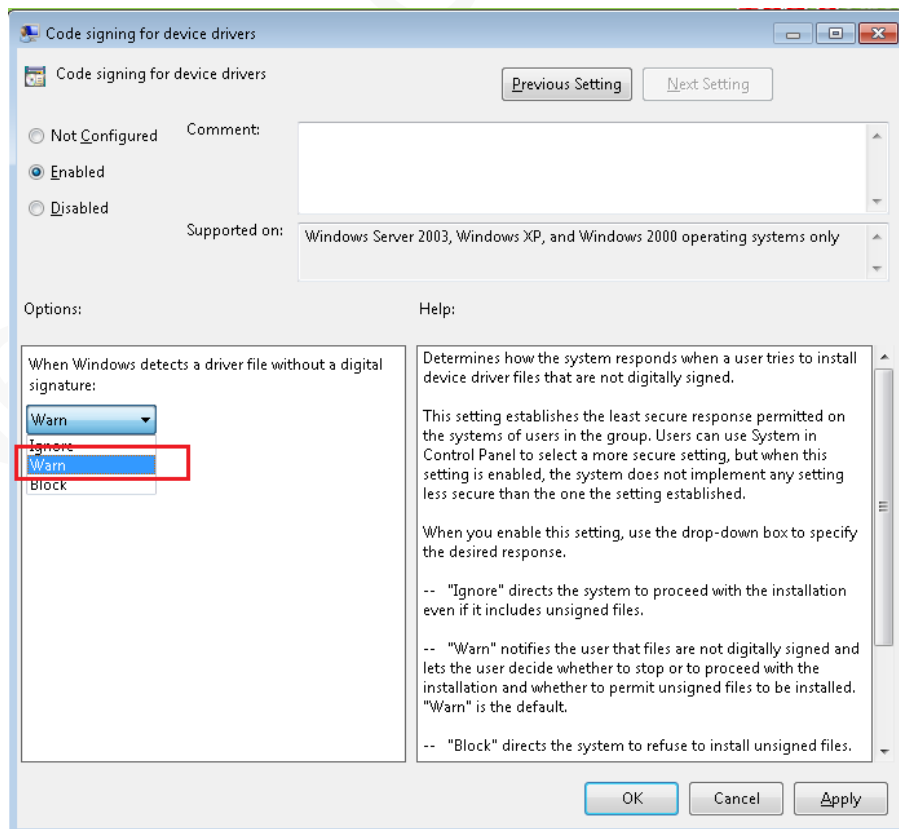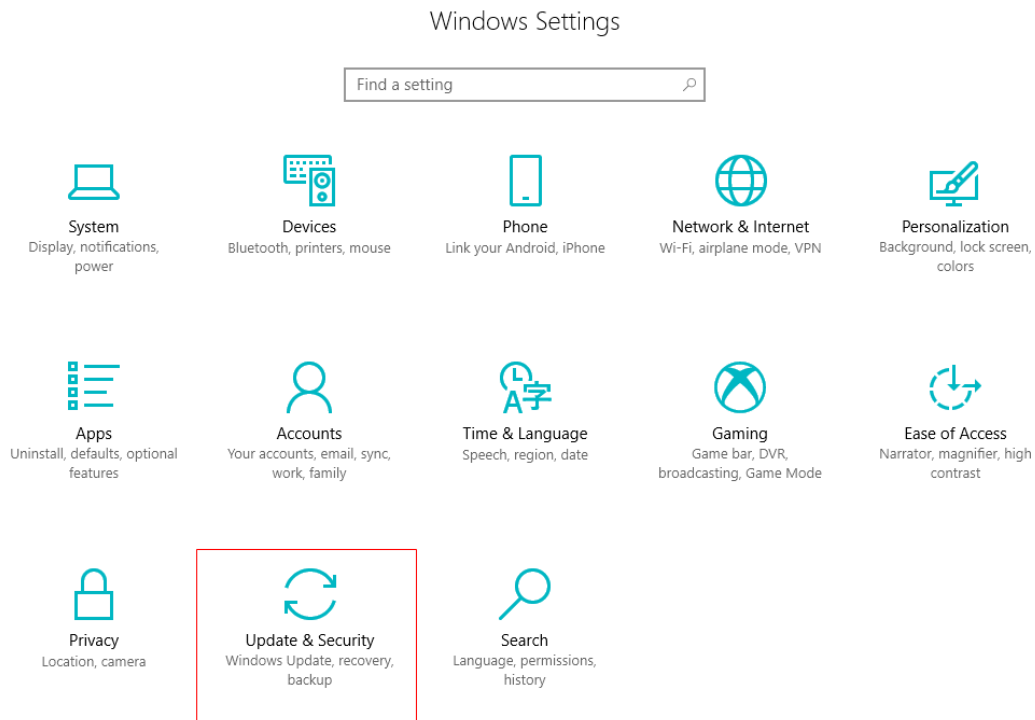
2.2 On Windows 10

On a computer running Windows 10, perform the following steps to disable driver signature enforcement:

Step 1: Press **Windows+I** to start **Windows Settings**.
Click **Update & Security**.

Windows Settings

Find a setting

System
Display, notifications, power

Devices
Bluetooth, printers, mouse

Phone
Link your Android, iPhone

Network & Internet
Wi-Fi, airplane mode, VPN

Personalization
Background, lock screen, colors

Apps
Uninstall, defaults, optional features

Accounts
Your accounts, email, sync, work, family

Time & Language
Speech, region, date

Gaming
Game bar, DVR, broadcasting, Game Mode

Ease of Access
Narrator, magnifier, high contrast

Privacy
Location, camera

Update & Security
Windows Update, recovery, backup

Search
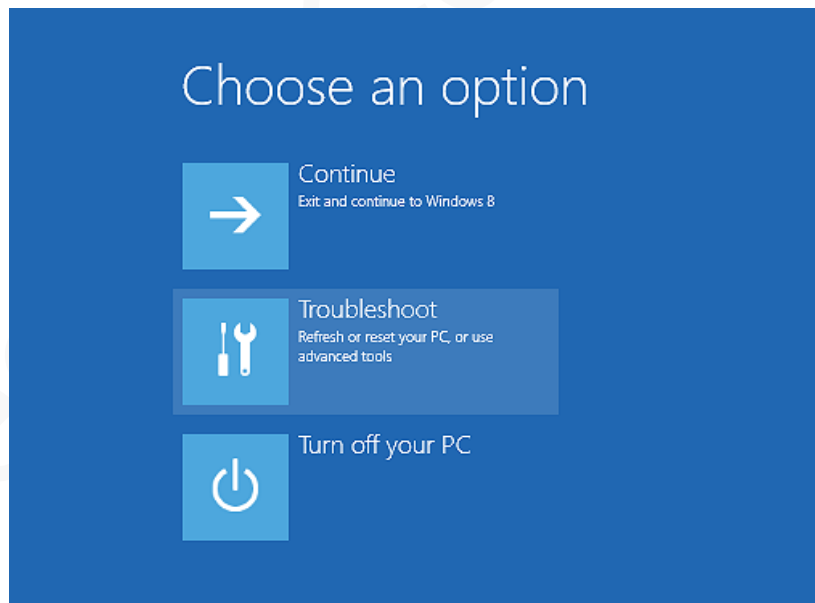Language, permissions, history

Step 2: Click **Recovery** in the left panel and then click **Restart now** in **Advanced startup**.
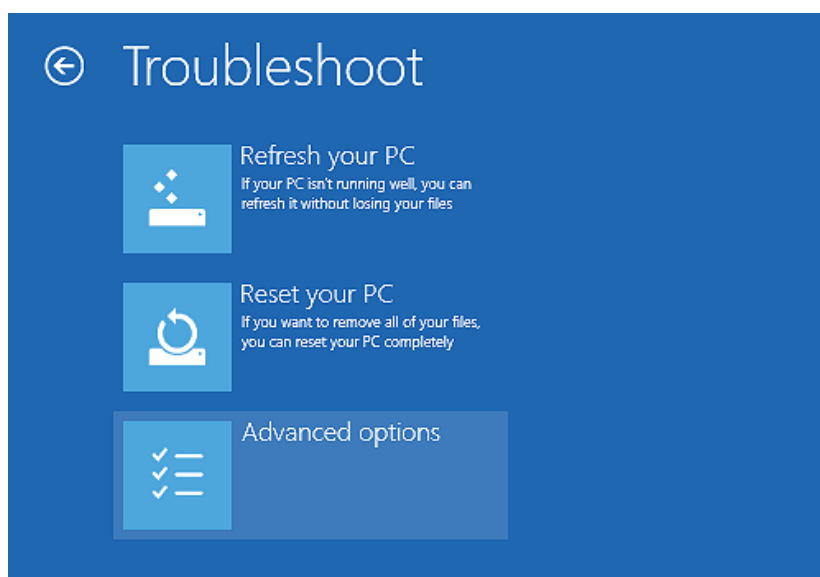
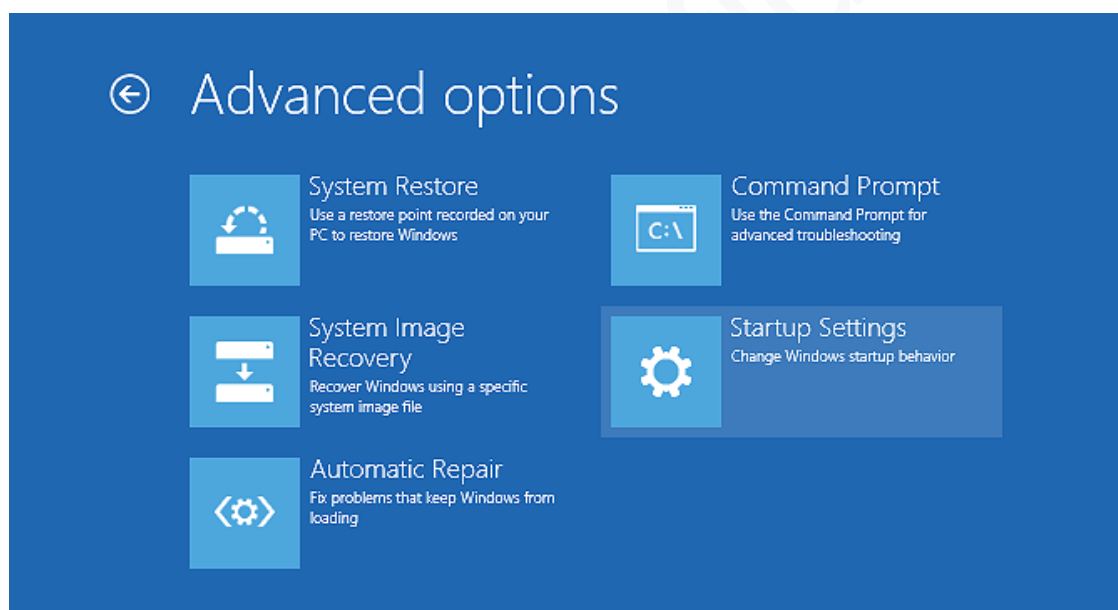Alternatively, click **Start** menu, hold **Shift** and click **Power** > **Restart**.
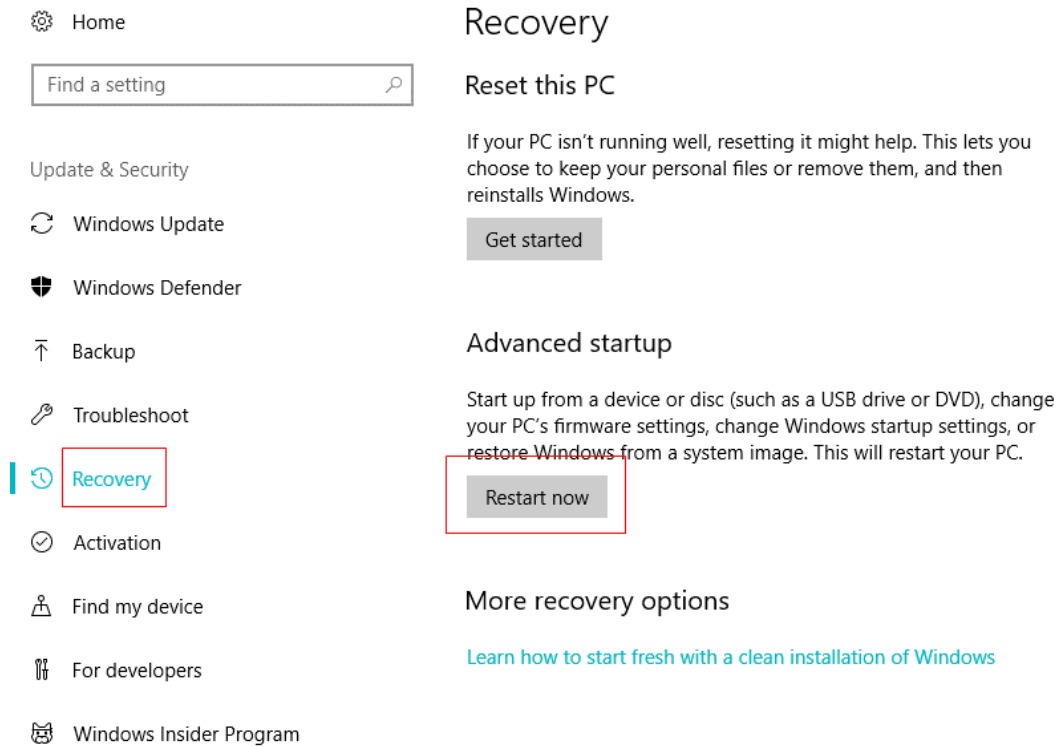
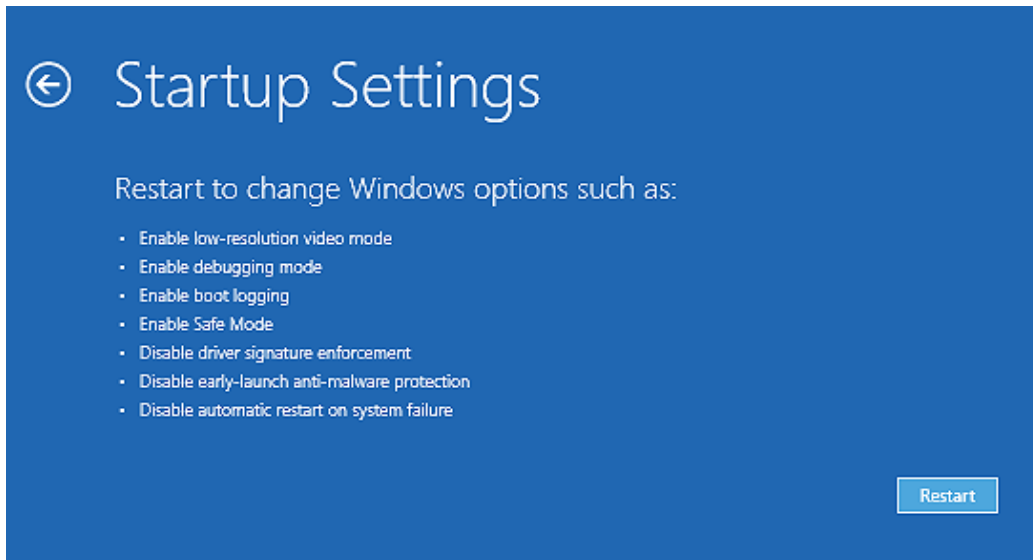**Step 3:** In the **Choose an option** screen, click **Troubleshoot**.

Step 4: Click **Advanced options**.

Step 5: Click **Startup Settings**.
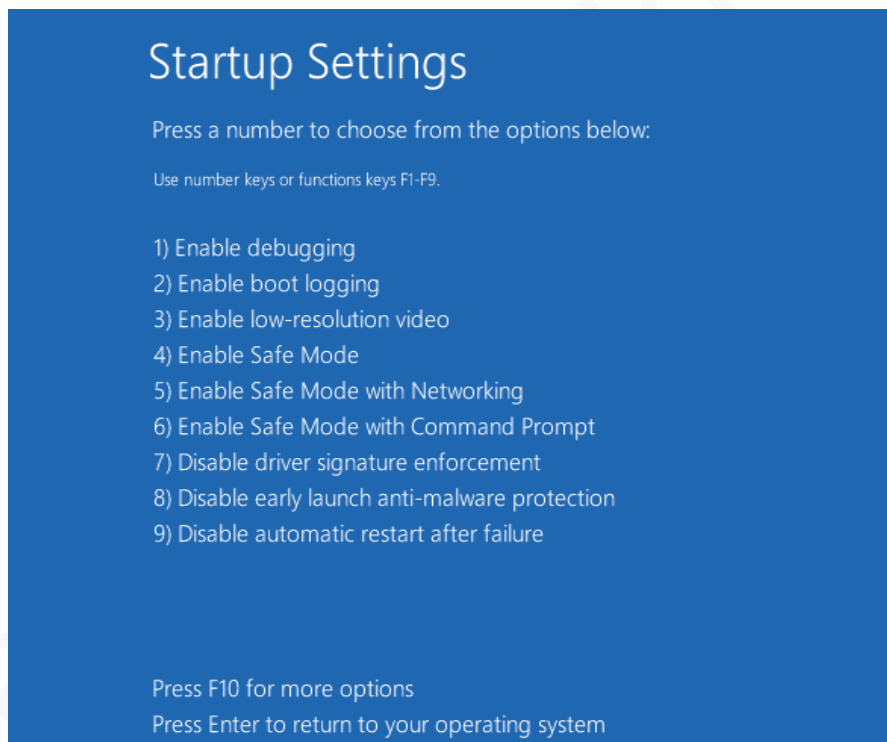

Step 6: Click **Restart**.

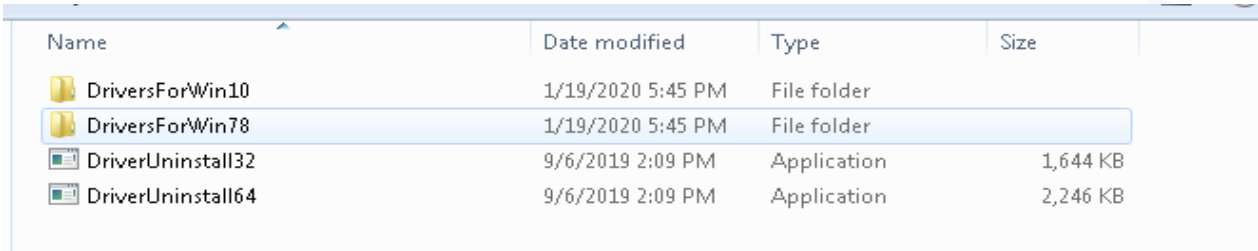**Step 7:** Press F7 or the number key 7.

The Windows OS is restarted and the driver signature enforcement is disabled successfully.
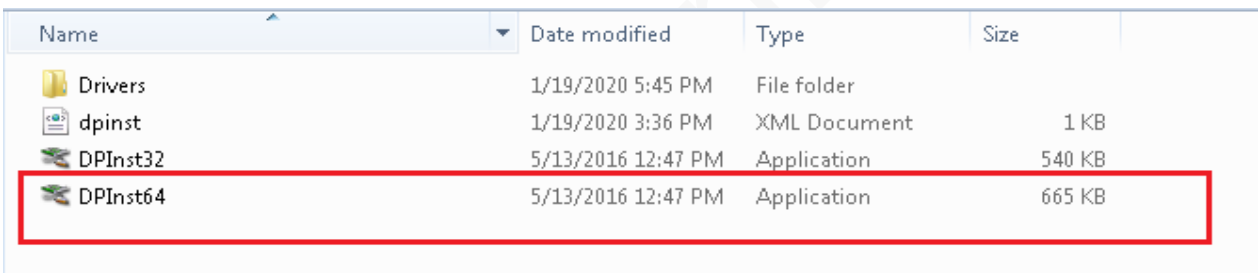
3 Installing USB Driver

This chapter uses Windows 7 as an example to describe how to install N58 USB drivers.

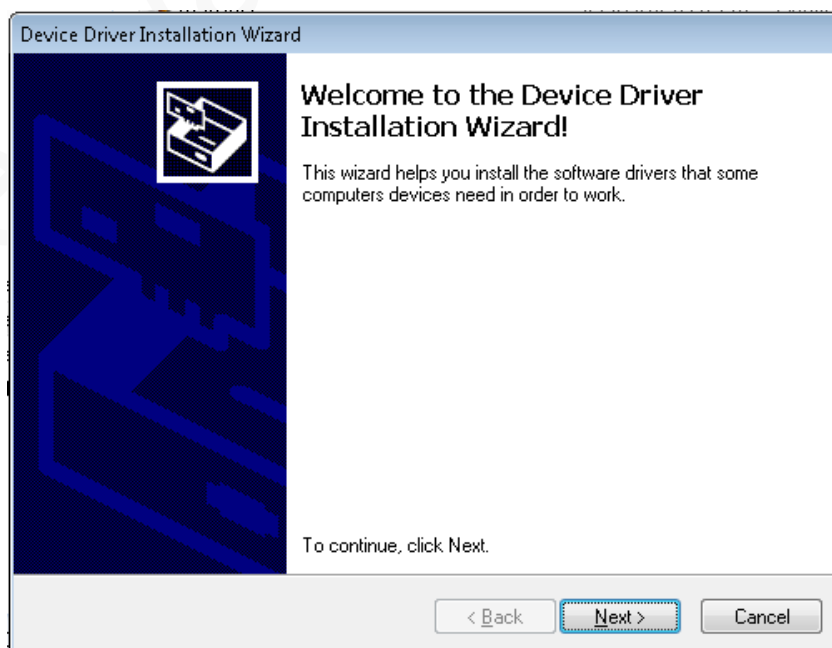**Step 1:** Decompress the driver package and open the **DriversForWin78** folder.

Name	Date modified	Type	Size
DriversForWin10	1/19/2020 5:45 PM	File folder	
DriversForWin78	1/19/2020 5:45 PM	File folder	
DriverUninstall32	9/6/2019 2:09 PM	Application	1,644 KB
DriverUninstall64	9/6/2019 2:09 PM	Application	2,246 KB

Step 2: Double-click **DPInst64.exe**.

Select the program corresponding to your OS.
Select DPInst64 for 64-bit OS and DPInst32 for 32-bit OS.

Name	Date modified	Type	Size
Drivers	1/19/2020 5:45 PM	File folder	
dpinst	1/19/2020 3:36 PM	XML Document	1 KB
DPInst32	5/13/2016 12:47 PM	Application	540 KB
DPInst64	5/13/2016 12:47 PM	Application	665 KB

Step 3: In the installation wizard, click **Next**.

Step 4: In Windows displays the **Windows Security** dialog box, click **Install this software anyway**.
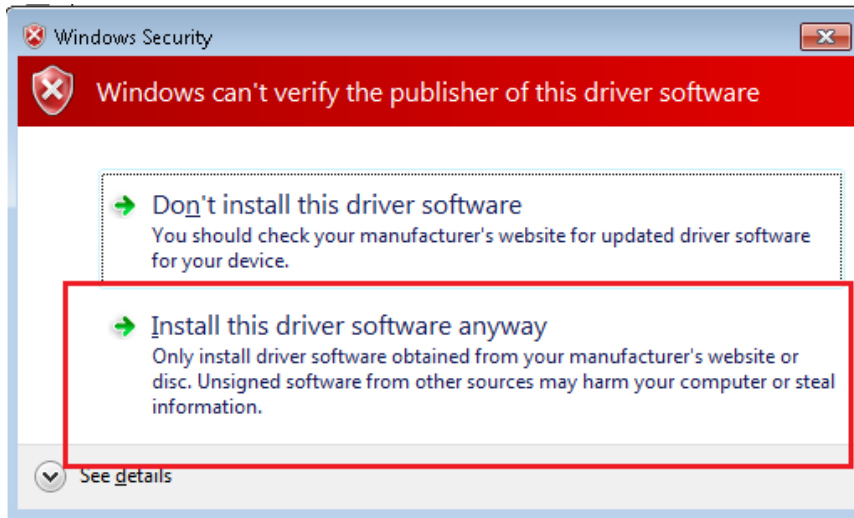
The driver is installed successfully.