

	<h1>Work Instructions</h1>
Version 1.0	Title: Increase ethernet buffer size and driver update

1. **Purpose:** To provide step by step instructions on how to increase ethernet receive buffer size and update ethernet driver to latest version available, to prevent WOLF-computer disconnections for PCs that could not be flashed with newest image version due to hardware differences.

2. **Tools Guide:**

HP field team computers with SKU different to 5NW36AV should complete this work instructions.

How to find the computer SKU #:

- Type system information in the computer search bar
- Select System information App

3. **Instructions:**

- Open Device manager in the WOLF computer search bar.
- Expand options under “Network Adapter”.
- Right-click the Ethernet adapter (usually named “Intel(R) Ethernet Connection”) and open “Properties”.
- Go to “General” tab, click on “Change settings” and enter admin info (skip this step if you are already logged as admin).
- Go to “Driver” tab and click on “Update Driver”. In the pop-up choose “Search automatically for updated driver software”.
 - If a newer driver is found, install it.
 - If it says, “The best drivers for your device are already installed”, then your PC already has the most updated driver for Ethernet connection.

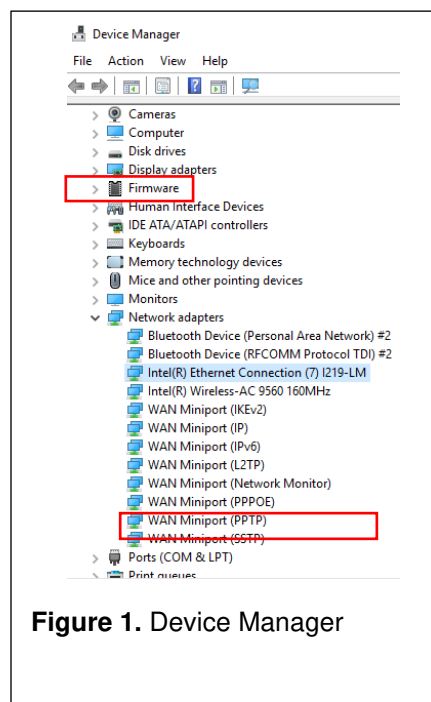


Figure 1. Device Manager

	<h1>Work Instructions</h1>
Version 1.0	Title: Increase ethernet buffer size and driver update

F. Go to “Advanced” tab, scroll down to find “Receive Buffers”. Change the value to 2048.

G. Click “OK” in the bottom right corner. Your Ethernet adapter settings are now saved, which would help alleviate the disconnection issue.

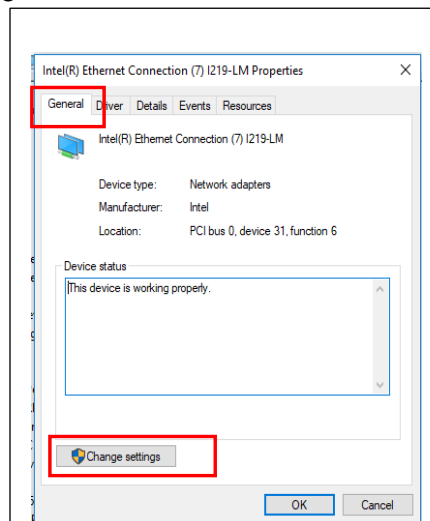


Figure 2. Change settings

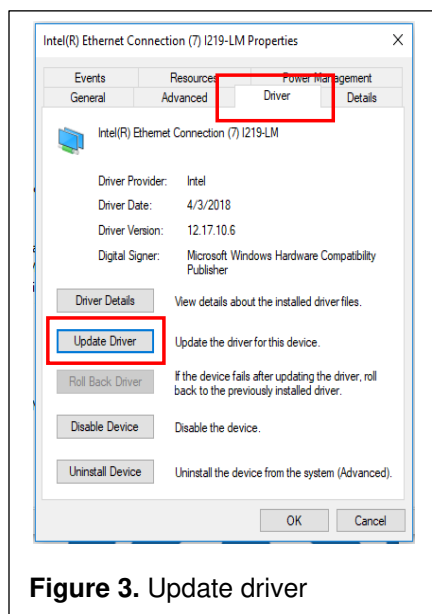


Figure 3. Update driver

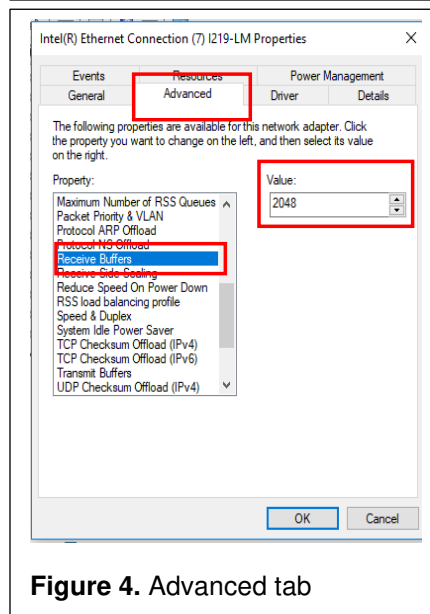


Figure 4. Advanced tab

9.0 Revision History:

	ISSUED DATE	Description of Change	Author
A	12/14/2020	Document created	E. Rubio de la Torre
B	12/16/2020	Added screenshots and revised procedure	Paul Zhao