



How to install the EMS USB driver

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How to install the EMS USB driver for Windows

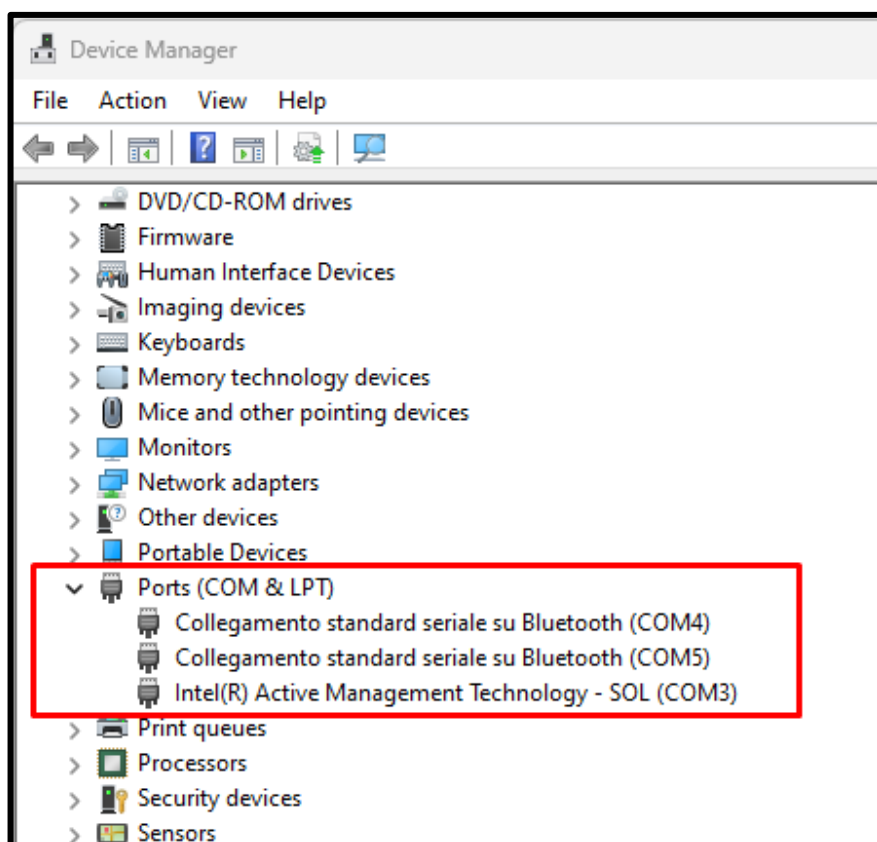
1. Download and save the “USB driver” folder to your PC.

The EMS USB driver is:

- available to download [here](#)

2. Open the “USB driver” folder and double-click on “UWPCertInstaller.exe”
3. Click **Yes** to launch the program
4. Click **Yes** to add the Carlo Gavazzi USB certificate as a trusted certificate
5. Go to **Control Panel** and open **Device Manager**.
6. Before connecting the USB cable to the PC and to the EMS, from the list of hardware categories double-click on **Ports (COM & LPT)** and take note of the serial communication (COM) ports in use.

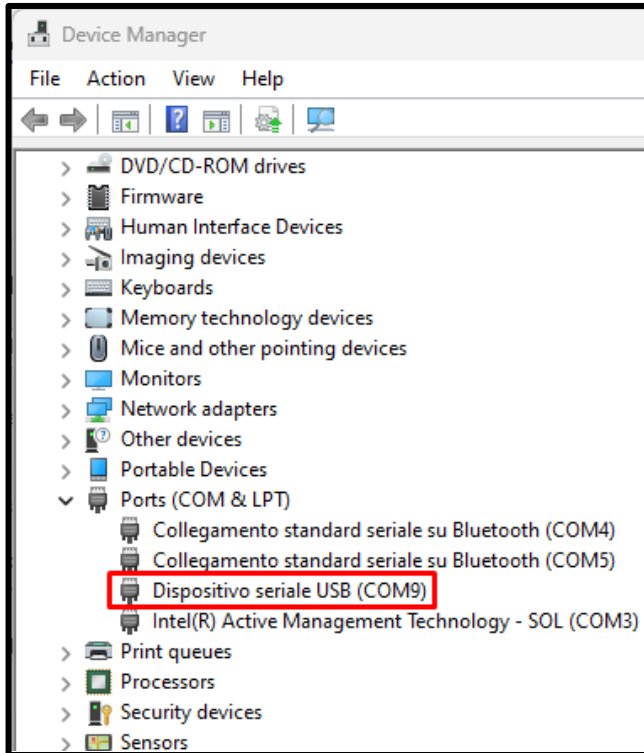
For example: in the picture below, the serial communication ports are **COM3**, **COM4** and **COM5**.



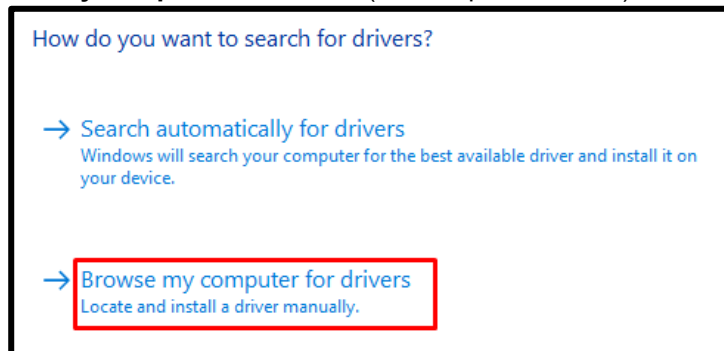
7. Plug the USB cable into the PC and into the EMS device.

A new serial communication port (COMx) will be automatically added after a few seconds.

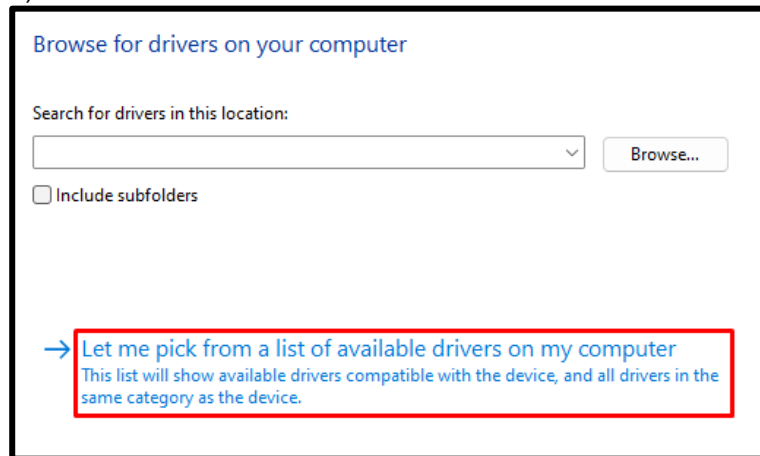
For example, in the picture below, the added port is **COM9**.



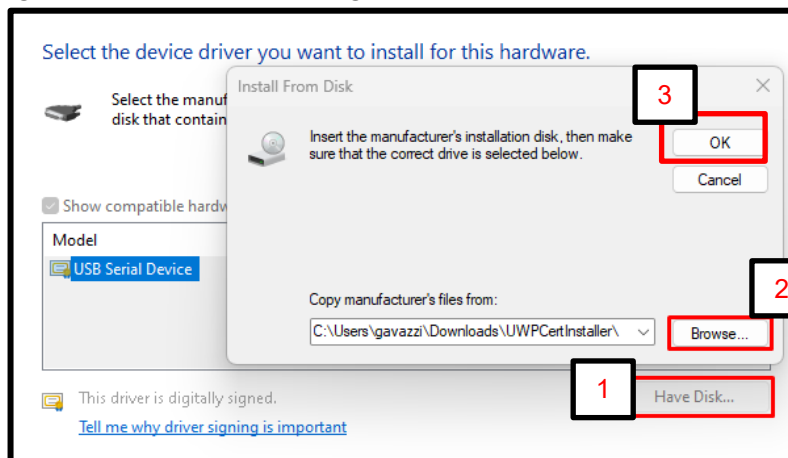
8. Right-click on the new serial communication port and select **Update driver**.
9. Click on **Browse my computer for drivers** (see the picture below).



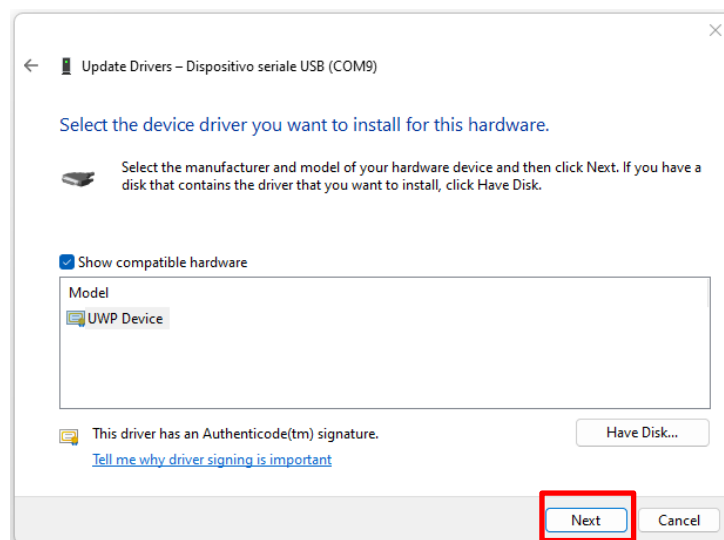
10. In the next page, click on **Let me pick from a list of device drivers on my computer** (see the picture below).



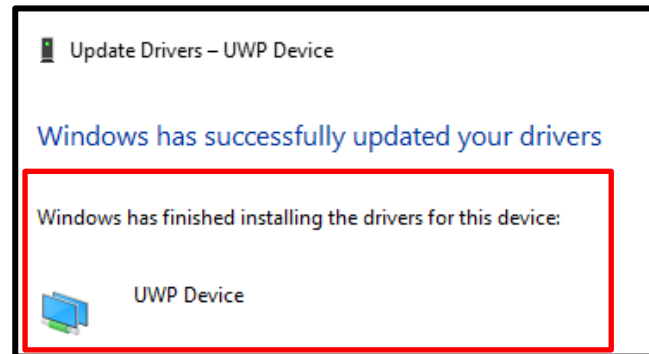
11. Click on **Have Disk¹...** and then on **Browse²** to select **uwp_device_driver.inf** from the "USB driver" folder and click **OK³**.



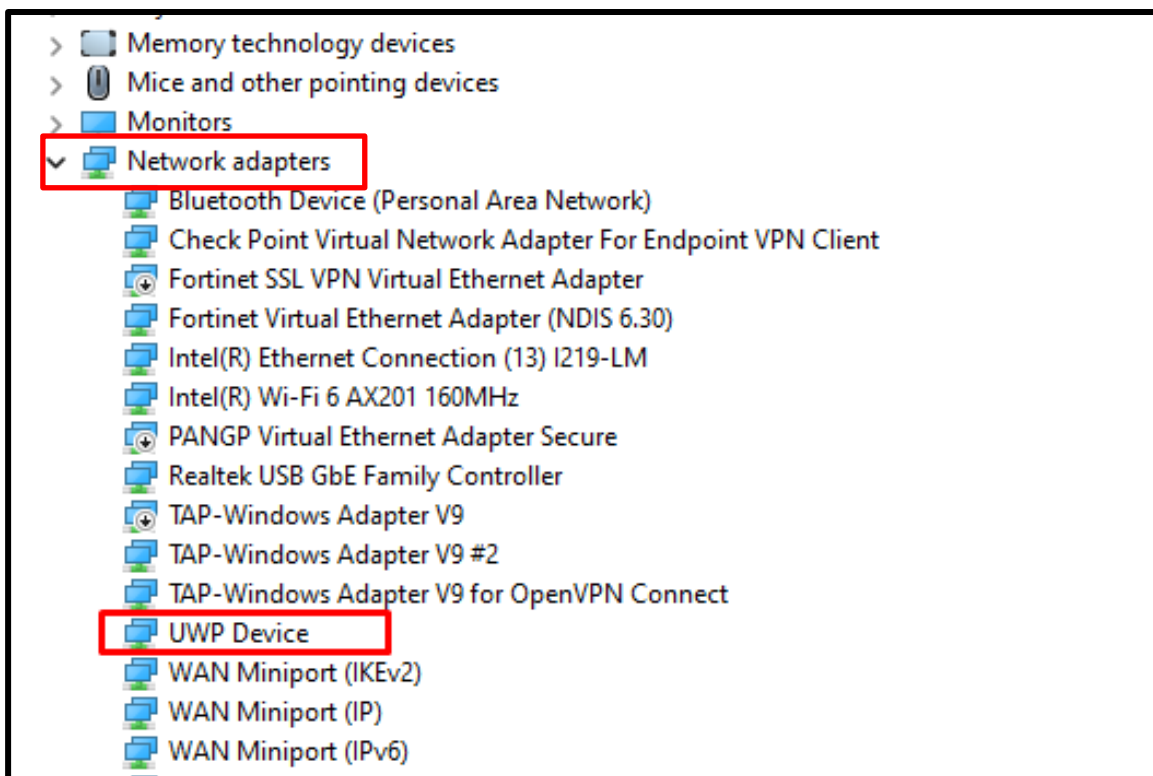
12. Once the **UWP Device** driver is detected, click **Next** to proceed (see the picture below).



The driver will be installed (see the picture below).



13. Once the driver has been installed, a virtual network board named **UWP Device** will be added to the **Network adapters** category (see the picture below).



The new UWP device network adapter will be created with the IP address 192.168.254.2, so that it is in the same network class as the EMS device (whose IP address is 192.168.254.254 on the USB port).