Advantech AE Technical Share Document
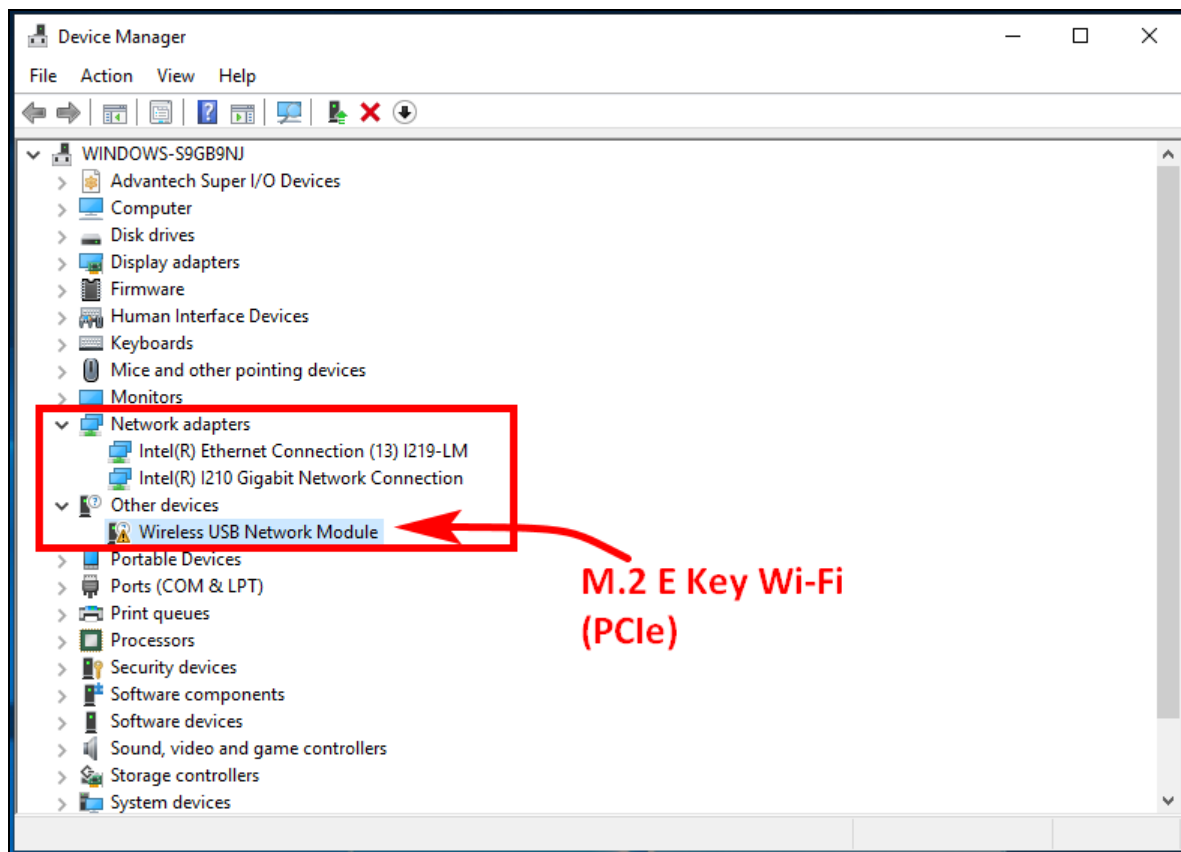
Date	2023 / 03 / 15	Release Note	□ Internal ■ External
Category	■ FAQ □SOP	Related OS	Windows 8/ 10/ 11
Abstract	The LAN C of UNO-148 will disappear after M.2 E key Wi-Fi module installed.		
Keyword	i225, M.2 E Key, Wi-Fi, PCIe		
Related Product	UNO-148		

■ **Problem Description:**

The LAN C (Intel i225) will disappear after M.2 E Key Wi-Fi module installed.
This issue is only observed on Windows 8/ 10/ 11 and it will not occur on Linux.
This issue is only observed on M.2 E Key PCIE signal Wi-Fi module, and it will not observed on USB signal Wi-Fi module.

■ **Problem Root Cause:**

The root cause of this issue is the fast boot feature on Windows 8/ 10/ 11.

When the fast boot feature enabled, change the PCI/ PCIE hardware during the S4/ S5 state will cause the detection failure happened.

■ **Problem Solution:**

1. The problem will be resolved after rebooting. (Because OS will redetect the bus)
2. To complete avoid this issue, just disable the fast boot feature.