

Warren County Telecom has broadened support of in-vehicle devices beyond just Panasonic Toughbooks. Minimum requirements for mobile hardware are based on current software requirements and are subject to change over time.

MINIMUM Mobile Computer Requirements

- 64-bit Win10 Pro
- 16 GB RAM
- Hard Drive: 128GB SSD
- CPU: Intel 8th Gen I5 with dual core running at 2.00 GHz or equivalent.

ADDITIONAL Telecom Recommendations

- Hard Drive: 256 SSD
- Intel 8th Gen I5 w/ quad core running at 2.60 GHz or equiv
- Operation temperature range: Most hard drives are only rated to operate in temperatures 0-70°C and turning them on when outside of that range can cause damage over time. Panasonic has hard drive heaters to heat the drives up during the winter. They also use a backlight heater for the sub 0F days if the device is really cold.
- Other things to consider...
 - Backlit keyboard
 - Touchscreen—do you need it and will it work if you’re wearing gloves?
 - What does the warranty cover and how easy is it to use? If out of warranty, how easy is it to repair the device?
 - 5 year Panasonic Warranty

Telecom-Recommended Mobile Router for Cellular Connectivity

Cradlepoint IBR980

- 2 cellular connectors
- Ruggedized
- Compatible with Verizon/AT&T sim chip
- Public Safety Network (PSN) FirstNet Trusted, T-Mobile Connecting Heroes, Verizon Frontline
- Antenna connectors for cellular, wi-fi, and GPS
- Your agency doesn’t need GPS Gate once your entire fleet has the IBR900, 920, 980 Cradlepoint.



Telecom-recommended Antenna

Taoglas

Model Name: Pantheon MA750 5-in-1 Permanent Mount GNSS 5G/4G 2xMIMO Wi-Fi 2xMIMO Antenna Ø145*82mm [LINK](#)

Connections

- 2 cellular,
- 2 wi-fi,
- 1 GPS



Model Name: MA1506.AK.001 – Synergy 6-in-1 Next-Generation Combination GNSS, 2*5G/4G, 3*Wi-Fi Permanent Mount Antenna with 5m Braided Cable Assembly [LINK](#)

Connections

- 2 cellular,
- 3 wi-fi,
- 1 GPS

