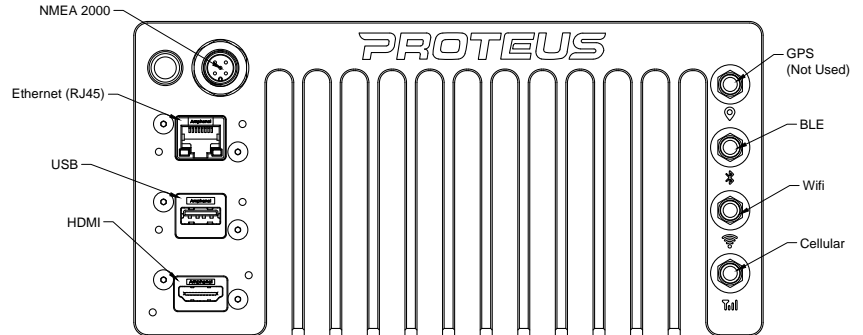


The Proteus Hub hardware provides a powerful computer in a compact and reliable package. A slim, 8x4 inch outline makes it easy to mount behind your helm using the included bracket. Integrated cellular connectivity ensures you always have the latest software and maps. These specifications are provided to help you understand the space and power requirements for the device. Visit our support page for [installation](#) instructions and [user guides](#).



Hardware

- Hard anodized 6061-T6 aluminum face with integrated heat sink, acetal homopolymer back plate
- Buna-n solvent-resistant gasket
- Delrin mounting bracket with Buna-N grommets, multiple options for mounting orientation

Connectors

- IP67 sealed and booted connectors for HDMI, USB, and Ethernet connectors
- IP67 connectors and interfaces for HDMI, USB, Ethernet (RJ45), NMEA2000, and SMA connections
- HDMI, USB, and Ethernet ports each feature a dedicated IP67-rated cable boot for security
- Draws DC power (20 LEN) from the NMEA2000 bus

Operating Limits

- 10-16 VDC (15 Watt maximum, 12W typical)
- 0°C - 60°C (32°F to 140°F) ambient
- 0-100% Relative humidity (sunlight exposure is not recommended)

Network

- Wi-Fi 6 @ 2.4/5 GHz (if vessel is equipped with a hotspot)
- 4G LTE Cellular
 - Data Transfer: 150 Mbps (DL) / 50 Mbps (UL)
 - US and European Frequency Band:
 - LTE-FDD - B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28, B66
 - LTE-TDD - B34, B38, B39, B40, B41
- Included SMA Antennas:
 - BLE (Bluetooth Low Energy)
 - 2.4 and 5 GHz WIFI
 - 4G Cellular
- **NOTE:** Network is not required while underway, it is only used to update software and charts