

# TRAX-2



**Mobile Edge / Gateway**  
**Integration of software**  
**applications and wireless**  
**technologies**

- ✓ Open Architecture  
Windows & Linux Compatible
- ✓ Intel® E3825 Dual-Core Processor
- ✓ Off-the-shelf, low-cost cabling
- ✓ Wide variety of communications options
- ✓ Dual CAN Bus option
- ✓ Very low profile
- ✓ Made in Canada & USA

## FEATURES:

<b>OPERATING SYSTEM</b>	Windows Embedded Standard 10 IoT, Linux	<b>DUAL CAN BUS OPTION</b>	CAN Bus 2.0 A,B Compatible Drivers for Windows and Linux 300V Galvanic Isolation
<b>PROCESSOR</b>	Intel® E3825 Dual-Core 64-Bit CPU, 1.33 GHZ	<b>SECURITY</b>	Trusted Platform Module (TPM)
<b>MEMORY</b>	4 GB DDR3L-1066 MHZ	<b>MANAGEABILITY</b>	9 Axis Sensor: 3D Accelerometer, Gyroscope & Magnetometer Temperature Sensor Hardware Monitor For Systems Voltages Watchdog Timer
<b>GRAPHICS</b>	DIRECTX 11, OPENGL 3.0, OPENCL 1.2 Up to 1920 x 1200 (WUXGA) Resolution	<b>REGULATORY/ EMC</b>	FCC Class A CE Mark ISO 16750-2 ROHS Compliant
<b>STORAGE</b>	32 GB and Larger Solid-State Drive with ECC	<b>POWER SUPPLY</b>	9-36 VDC Input Voltage (Connector Supplied) Protection for Load Dump, Reverse Voltage, Brown Out, And Transients Ignition Input for Power Control
<b>GPS</b>	72 Channel Engine with Concurrency Support Multi-GNSS: GPS, GLONASS, GALILEO, BEIDOU	<b>MECHANICAL</b>	Size: 237 mm L x 157 mm W x 56 mm H (9.3" L x 6.4" W x 2.2" H) including Connectors Weight: 1.5 Kg (3.2 Lbs)
<b>EXTERNAL I/O</b>	Two USB 2.0 Ports Two RS-232 COM Ports Audio Line in and Line Out Ethernet 10/100/00 Base-T Digital I/O: Two Inputs and One Output DVI-I for Analog and Digital Displays One SMA for GPS, 4 SMA for Wifi, Cellular Status LEDs	<b>ENVIRONMENTAL</b>	Operating Temp: -20°C to 62°C Humidity: 5-95% Non-Condensing Vibration: MIL-STD 810F, Composite Wheeled Vehicle Shock: MIL-STD 810F, 20G/11Ms Sawtooth Fan-less Operation
<b>WIRELESS OPTIONS</b>	802.11 B/G/N Dual Band Long Range Wifi GSM/GPRS: LTE Cellular Support Support for Dual Simultaneous Radio Cards		

## TRAX-2 ORDERING INFORMATION:

