

# TRAX-4

## MOBILE EDGE/GATEWAY

Integration of software applications and wireless technologies



## PRODUCT HIGHLIGHTS

- ✓ Small Size:  
Fits Nearly Anywhere
- ✓ M-12 Connectors for Low-Cost Cabling
- ✓ Open Architecture:  
Run Multiple Programs Simultaneously
- ✓ Intel® Quad Core CPU with Native  
Virtualization Support
- ✓ High Performance  
DirectX, OpenGL, OpenCL
- ✓ Diversity Antenna Connectors
- ✓ Wireless  
GPS, Wifi, Cellular
- ✓ Made in Canada & USA

## FEATURES

<b>OPERATING SYSTEM</b>	Windows Embedded Standard 7, Windows Embedded Standard 10, Linux Ubuntu	<b>DUAL CAN BUS OPTION</b>	Isolated - ISO 11898-2
<b>PROCESSOR</b>	Intel Quad-Core 3845 CPU, 1.91 Ghz 2MB L2 cache, 64-Bit capable, Virtualization support, ACPI 5.0 support	<b>DISPLAY OPTION</b>	Tough-Touch Display
<b>MEMORY</b>	4 GB DDR3L-1333	<b>SECURITY</b>	Trusted Platform Module (TPM)
<b>GRAPHICS</b>	DirectX 11, OpenGL 3.0, OpenCL 1.2 542 MHz graphics core, 792 MHz Burst with Four Execution Units Hardware Accelerated Media Encode and Decode VGA up to 2560x1600 (WQXGA) Resolution Compatible with Tough-Touch® Display	<b>MANAGEABILITY</b>	9 Axis Sensor: 3D Accelerometer, Gyroscope & Magnetometer Temperature Sensor Hardware Monitor for Systems Voltages Watchdog Timer
<b>STORAGE</b>	Integrated 32GB Solid State Disk with ECC: Power Interrupt Data Protection, Smart Command-Based Alerts, Security Erase Support for Larger Capacities	<b>REGULATORY/ EMC</b>	FCC Class A CE Mark ROHS compliant
<b>GPS</b>	72 Channel Engine (included) Multi-GNSS GPS, GLONASS, GALILEO, QZSS, SBAS Fast Acquisition and High Accuracy	<b>POWER SUPPLY</b>	9-36 VDC Input Voltage (10-36 VDC Continuous) Protection for Load Dump, Reverse Voltage, Brown Out, and Transients
<b>EXTERNAL I/O</b>	Two USB 2.0 Ports Two RS-232 COM Ports, 4 Wire Ethernet Port: One 10/100/1000 Base-T Port Audio: Line In and Line Out Digital I/O: Two Inputs and One Output with Full Operating Voltage Range VGA with Resolution to 2560x1600 SMA Connector for GPS 4x SMA for Wireless Options Status LEDs	<b>MECHANICAL</b>	Size: 157 D X 237 W X 56 H mm (6.2" X 9.3" X 2.2") Weight: 1.5 Kg (3.3 Lbs)
<b>WIRELESS OPTIONS</b>	802.11b/G/N Long Range Wifi GSM/GPRS/LTE Cellular Support	<b>ENVIRONMENTAL</b>	Operational Temperature: -40°C To 71°C per MIL-STD 810G, Method 501.5 and 502.5 Non-operational Temperature: -40°C to 80°C per MIL-STD 810G, Method 503.5 Humidity: 5-95% non-condensing IP65 Dust/Moisture Rating Vibration: MIL-STD 810F, Method 514.5c-3 Shock: MIL-STF 810F, Method 516.5, 20g/11ms Fan-Less Operation

## ORDERING INFORMATION

