

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

OPERATING SYSTEM	Windows Embedded Standard 7, Windows Embedded Standard 10, Linux Ubuntu	DUAL CAN BUS OPTION	Isolated - ISO 11898-2
PROCESSOR	Intel Quad-Core 3845 CPU, 1.91 Ghz 2MB L2 cache, 64-Bit capable, Virtualization support, ACPI 5.0 support	DISPLAY OPTION	Tough-Touch Display
MEMORY	4 GB DDR3L-1333	SECURITY	Trusted Platform Module (TPM)
GRAPHICS	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	MANAGEABILITY	9 Axis Sensor: 3D Accelerometer, Gyroscope & Magnetometer Temperature Sensor Hardware Monitor for Systems Voltages Watchdog Timer
STORAGE	Integrated 32GB Solid State Disk with ECC: Power Interrupt Data Protection, Smart Command-Based Alerts, Security Erase Support for Larger Capacities	REGULATORY/EMC	FCC Class A CE Mark ROHS compliant
GPS	72 Channel Engine (included) Multi-GNSS GPS, GLONASS, GALILEO, QZSS, SBAS Fast Acquisition and High Accuracy	POWER SUPPLY	9-36 VDC Input Voltage (10-36 VDC Continuous) Protection for Load Dump, Reverse Voltage, Brown Out, and Transients
EXTERNAL I/O	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	MECHANICAL	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)
WIRELESS OPTIONS	802.11b/G/N Long Range Wifi GSM/GPRS/LTE Cellular Support	ENVIRONMENTAL	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

Contact us at **855.365.2188** or visit jsquared.com/general-inquiries to begin the ordering process.

