

TRAX-5

MOBILE EDGE/GATEWAY

Integration of software applications and wireless technologies



PRODUCT HIGHLIGHTS

- ⊕ Open Architecture Run Multiple Programs Simultaneously
- ⊕ Intel® Quad Core CPU With Native Virtualization Support
- ⊕ High Performance Video DIRECTX 11, OPEN GL 3.0, OPEN CL 1.2
- ⊕ Diversity Antenna Connectors
- ⊕ Wireless GPS, Wifi, Cellular
- ⊕ Dual High Precision GPS Option
- ⊕ Custom I/O Option Tailored to your Application
- ⊕ Made in Canada & USA

FEATURES

OPERATING SYSTEM	Windows Embedded Standard 10 IoT, Linux	INTERNAL EXPANSION	Two PCI/104 Slots Two Mini PCIE Slots
PROCESSOR	INTEL E3845 QUAD-CORE CPU, 1.91 GHz: 2MB L2 CACHE, 64-BIT Capable, Virtualization Support, ACPI 5.0 Support	SECURITY	Trusted Platform Module (TPM)
MEMORY	4 GB DDR3-1333	MANAGEABILITY	9 Axis Sensor: 3D Accelerometer, Gyroscope & Magnetometer Temperature Sensor Hardware Monitor for Systems Voltages Watchdog Timer
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 Up to 1920 x 1200 (WUXGA) Resolution	REGULATORY/ EMC	FCC Class A CE Mark ROHS Compliant
STORAGE	Storage options are available from 32GB to 512GB. All options must be factory installed: Power Interrupt Data Protection, Smart Command-Based Alerts, Security Erase	POWER SUPPLY	500v Input Isolation 9-36 VDC Input Voltage: 10-36 VDC Continuous Protection for Load Dump, Reverse Voltage, Brown Out, and Transients Supports and Powers Tough Touch Display®
GPS	72 Channel Engine (Included) Concurrent GNSS: GPS, GLONASS, GALILEO, BEIDOU, QZSS, SBAS Fast Acquisition and High Accuracy Novatel Dual High Precision GPS (Optional)	MECHANICAL	Size: 240 MM L x 206 MM W x 96 MM H (9.5" x 8.1" x 3.8") Weight: 4.0 KG (8.8 LBS) Grounding Stud
EXTERNAL I/O	Two USB 2.0 Ports Four RS-232 Com Ports: One Port RS-485 Configurable Ethernet Ports: One 10/100 Base-T Port Digital I/O: Five Inputs and One Output with Full Operating Voltage Range VGA with Touch Screen Interface Plus Audio Two TNC for GPS Status LEDs Two Type N RF Connectors for Wireless Operations CAN Bus 2.0 (Optional)	ENVIRONMENTAL	Operational Temperature: -40°C To 71°C per MIL-STD 810G, Method 501.5 and 502.5 Temperature Shock: -40°C To 71°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 Composite Wheeled Vehicle Shock: MIL-STD 810F, Method 516.5, 20g/11ms Terminal Sawtooth Fan-Less Operation
WIRELESS OPTIONS	802.11B/G/N Long Range Wifi GSM/GPRS/LTE Cellular Ready		

ORDERING INFORMATION

Contact us at **855.365.2188** or visit octagonsystems.com/request-quote to begin the ordering process.

