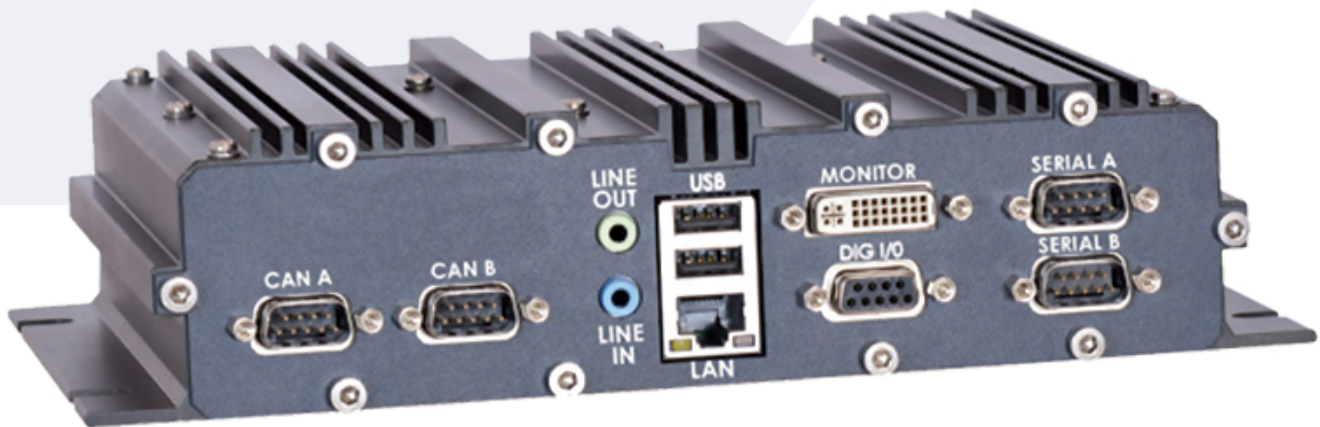# TRAX-2

MOBILE EDGE/GATEWAY

Integration of software applications and wireless technologies

PRODUCT HIGHLIGHTS

- 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

OCTAGON® SYSTEMS
A DIVISION OF
J SQUARED TECHNOLOGIES INC.

Designed, Tested & Built
OCTAGON TOUGH®

octagonsystems.com
info@octagonsystems.com

FEATURES

OPERATING SYSTEM	Windows Embedded Standard 10 IoT, Linux
PROCESSOR	Intel® E3825 Dual-Core 64-Bit CPU, 1.33 GHZ
MEMORY	4 GB DDR3L-1066 MHZ
GRAPHICS	DIRECTX 11, OPENGL 3.0, OPENCL 1.2 Up to 1920 x 1200 (WUXGA) Resolution
STORAGE	32 GB and Larger Solid-State Drive with ECC
GPS	72 Channel Engine with Concurrecy Support Multi-GNSS: GPS, GLONASS, GALILEO, BEIDOU
EXTERNAL I/O	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
WIRELESS OPTIONS	802.11 B/G/N Dual Band Long Range Wifi GSM/GPRS/: LTE Cellular Support Support for Dual Simultaneous Radio Cards

DUAL CAN BUS OPTION	CAN Bus 2.0 A,B Compatible Drivers for Windows and Linux 300V Galvanic Isolation
SECURITY	Trusted Platform Module (TPM)
MANAGEABILITY	9 Axis Sensor: 3D Accelerometer, Gyroscope & Magnetometer Temperature Sensor Hardware Monitor For Systems Voltages Watchdog Timer
REGULATORY/ EMC	FCC Class A CE Mark ISO 16750-2 ROHS Compliant
POWER SUPPLY	9-36 VDC Input Voltage (Connector Supplied) Protection for Load Dump, Reverse Voltage, Brown Out, And Transients Ignition Input for Power Control
MECHANICAL	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)
ENVIRONMENTAL	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

ORDERING INFORMATION

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

TRAX - 2 - XXX

TRAX™ family **Reserved for Customization**

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