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

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 7, Windows Embedded Standard 10, Linux Ubuntu
PROCESSOR	Intel Quad-Core 3845 CPU, 1.91 Ghz 2MB L2 cache, 64-Bit capable, Virtualization support, ACPI 5.0 support
MEMORY	4 GB DDR3L-1333
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
STORAGE	Integrated 32GB Solid State Disk with ECC: Power Interrupt Data Protection, Smart Command-Based Alerts, Security Erase Support for Larger Capacities
GPS	72 Channel Engine (included) Multi-GNSS GPS, GLONASS, GALILEO, QZSS, SBAS Fast Acquisition and High Accuracy
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
WIRELESS OPTIONS	802.11b/G/N Long Range Wifi GSM/GPRS/LTE Cellular Support

DUAL CAN BUS OPTION	Isolated - ISO 11898-2
DISPLAY OPTION	Tough-Touch Display
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 ROHS compliant
POWER SUPPLY	9-36 VDC Input Voltage (10-36 VDC Continuous) Protection for Load Dump, Reverse Voltage, Brown Out, and Transients
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)
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 **octagonsystems.com/request-quote** to begin the ordering process.

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TRAX™ family — **Reserved for Customization**

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Rev 3.0

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