

TRAX-10

MINI SERVER/ROUTER

Small form factor rugged computer platform



PRODUCT HIGHLIGHTS

- Ⓜ Server, Router & I/O in One
- Ⓜ Intel Quad Core CPU
- Ⓜ Native Virtualization Support
- Ⓜ High Performance Video
- Ⓜ GBIT Ethernet, CAN, Serial, USB, Digital
- Ⓜ GPS, Wifi, Cellular
- Ⓜ Compact MIL-STD-810G
- Ⓜ M12 or circular Mil connectors
- Ⓜ Made in Canada & USA

FEATURES

OPERATING SYSTEM	Windows Embedded Standard P-10, Linux	DUAL CAN BUS OPTION	Dual CAN BUS 2.0, isolated Optional isolated CAN BUS: 0, 1, 2, OR 3 ports
PROCESSOR	Intel Atom, Quad-Core CPU: 4 GB, DDR3 - 1333 MHZ MEMORY	SECURITY	Trusted Platform Module (TPM)
MEMORY	4 GB DDR3L-1066 MHZ	MANAGEABILITY	9 Axis Sensor: 3D Accelerometer, Gyroscope & Magnetometer Temperature Sensor Hardware Monitor For Systems Voltages Watchdog Timer
GRAPHICS	DIRECTX, OPENGL, OPENCL Up to 1920 x 1200 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	Isolated Topology 9-36 VDC Input Voltage: (10-36 VDC Continuous) Protection for Load Dump, Reverse Voltage, Brown Out, and Transients
GPS	72 Channel Engine (Included) Concurrent GNSS: GPS, GLONASS, GALILEO, QZSS, SBAS Fast acquisition and high accuracy	MECHANICAL	Size: 240 L X 206 W X 96 H mm (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 TD-485 configurable Ethernet ports: One 10/100 Base-T port, Four 10/100/1000 Base-T ports (Unmanaged Switch) Digital I/O: Five inputs/one output with full operating voltage range VGA with touch screen interface plus audio Four antenna connectors Status LEDs	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 Support		

ORDERING INFORMATION

