

TRAX-15



PRODUCT HIGHLIGHTS

- ⊕ Multiple Intel® processor options including Celeron, Atom and Xeon scalable processor up to dual cores
- ⊕ Highly configurable platform with graphics and avionic interface options via expansion slots:
 - » One (1) x1 ePCIe 2.0 cabling port
 - » One (1) PCI/104-Express connector
 - » One (1) mPCIe / mSATA full-mini card slot
 - » One (1) mPCIe full-mini card slot
- ⊕ MIL-STD-461 / 704 / 1275 power supply with 50ms hold-up and beyond
- ⊕ Options for both industrial/lab and rugged/MIL versions



FEATURES

OPERATING SYSTEM	Windows, Linux	EXPANSION	One (1) x1 ePCIe 2.0 cabling port One (1) PCI/104-Express connector One (1) mPCIe / mSATA full-mini card slot One (1) mPCIe full-mini card slot
PROCESSOR	Multiple Intel® processor options including Celeron®, Atom® and Core i7 with up to 4 cores @ 3.0GHz (burst)	PS/2	Keyboard & mouse 6-pin combo mini-DIN connector
MEMORY	Up to 32GB SO-DIMM DDR4-3200	POWER REQUIREMENT	Power-In: 8VDC – 36VDC with ESD and EMC, reverse, polarity and surge protection
GRAPHICS	Integrated Intel HD Graphics 2000 or 4000 Optional: Graphic cards via x16 PCI/104-Express gen 2.0 / 3.0 connector	MECHANICAL	Dimension: 3.3" x 7.4" x 9.3" (H x W x D) Weight: 5.0lbs Fan-less, conduction-cooled operation
VIDEO	One (1) DP++ port One (1) DVI-I port 24-bit LVDS interface	SECURITY	TPM 2.0 Watchdog timer with hardware reset capability
STORAGE	Multiple storage slot options: Two (2) SATA 3.0 (6Gb/s) ports Two (2) SATA 2.0 (3 Gb/s) ports One (1) eSATAp port (USB 2.0 & SATA 2.0) Optional: RAID 0/1/5/10 support	CONNECTORS	MIL-DTL-38999 circular connectors
SERIAL	Two (2) RS232 ports Optional: Two (2) RS232 / RS485 ports	ENVIRONMENTAL & COMPLIANCE	Designed to meet: EMI/EMC MIL-STD-461 EN 55022 EN 55024 EN 61000 Temp, Humidity, Shock & Vibe MIL-STD-810 EN 50155 Safety EN 60601-1 EN 60950 Class III Type Approval EN 60945 E10 RoHS
USB	Four (4) USB 3.0 ports Five (5) USB 2.0 ports (three of them on header)		
ETHERNET	Four (4) 1GbE ethernet port		
AVIONIC INTERFACE	Optional: Two (2) dual redundant MIL-STD-1553 channels		

ORDERING INFORMATION

