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**

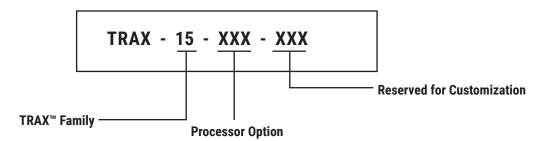⊕ **Options for both industrial/lab and rugged/MIL versions**

OCTAGON® SYSTEMS
A DIVISION OF
J SQUARED TECHNOLOGIES INC.

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FEATURES

OPERATING SYSTEM	Windows, Linux
PROCESSOR	Multiple Intel® processor options including Celeron®, Atom® and Core i7 with up to 4 cores @ 3.0GHz (burst)
MEMORY	Up to 32GB SO-DIMM DDR4-3200
GRAPHICS	Integrated Intel HD Graphics 2000 or 4000 Optional: Graphic cards via x16 PCI/104-Express gen 2.0 / 3.0 connector
VIDEO	One (1) DP++ port One (1) DVI-I port 24-bit LVDS interface
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
SERIAL	Two (2) RS232 ports Optional: Two (2) RS232 / RS485 ports
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

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
PS/2	Keyboard & mouse 6-pin combo mini-DIN connector
POWER REQUIREMENT	Power-In: 8VDC – 36VDC with ESD and EMC, reverse, polarity and surge protection
MECHANICAL	Dimension: 3.3" x 7.4" x 9.3" (H x W x D) Weight: 5.0lbs Fan-less, conduction-cooled operation
SECURITY	TPM 2.0 Watchdog timer with hardware reset capability
CONNECTORS	MIL-DTL-38999 circular connectors

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

ORDERING INFORMATION

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

TRAX - 15 - XXX - XXX

TRAX™ Family

Processor Option

Reserved for Customization

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Rev 1.0

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