

# TRAX-25



## PRODUCT HIGHLIGHTS

- ⊕ Multiple Intel® processor options including i3, i7 and Xeon scalable processor up to 6 cores
- ⊕ Highly configurable platform with graphics and avionic interface options
- ⊕ Removable storage with write protection
- ⊕ Options for 2MB NVRAM and more
- ⊕ MIL-STD-461 / 704 / 1275 power supply with 50ms hold-up and beyond



## FEATURES

<b>OPERATING SYSTEM</b>	Windows, Linux
<b>PROCESSOR</b>	Multiple Intel® processor options including i3, i7, and XEON® with up to 6 cores @ 4.2GHz
<b>MEMORY</b>	Up to 64GB DDR4 with ECC option Optional 2MB and above NVRAM
<b>GRAPHICS</b>	Integrated Intel HD Graphics 630 / P630 Optional MXM/XMC graphic cards Support for Direct X12, OpenGL 4.6, Open CL 2.6, Vulkan 1.1.103
<b>VIDEO DECODE</b>	H.262, H.264, H.265, JPEG/MJPEG, VC-1, VP8, VP9 hardware acceleration
<b>STORAGE</b>	Multiple storage slot options: Two (2) SATA 6Gb/s slots Two (2) mSATA 6Gb/s slots M.2 (B & M Keys) SATA 6Gb/s slots
<b>SERIAL</b>	Up to four (4) RS232/RS422/RS485 isolated ports with integrated Watchdog hardware
<b>USB</b>	Up to eight (8) USB 2.0/3.1 ports with allowed current of up to 900mA per port
<b>ETHERNET</b>	One (1) 1GbE ethernet port Optional two (2) to right (8) additional 1GbE ethernet controller
<b>EXPANSION</b>	Two (2) mPCIe sites on SBC Two (2) M.2 sites on SBC XMC, MXM, and/or mPCIe via mezzanine
<b>POWER REQUIREMENT</b>	Power button: water resistant with LED backlight Power-In: 10VDC – 36VDC MIL-STD-1275, MIL-STD 461 with hold-up and RP, OV, and surge protection
<b>MECHANICAL</b>	Dimension: 3.3" x 9.1" x 11 (H x W x D) Weight: <20lbs (payload dependent) Fan-less operation
<b>OPTIONAL AVIONIC INTERFACES</b>	Two (2) dual-redundant MIL-STD-1553 connections on mini-PCIe card Two (2) ARINC-429 Rx connections on mini-PCIe card
<b>SECURITY</b>	Password encrypted BIOS TPM 2.0
<b>CONNECTORS</b>	MIL-SPEC circular connectors
<b>ENVIRONMENTAL</b>	MIL-STD-810 & DO-160   Temperature, altitude, shock & vibe tested MIL-STD-461   EMI/EMC tested

## ORDERING INFORMATION

