Taurus Mission Assembly

Complete Mission System Solution

The Taurus Mission Assembly is a collection of modular mission components that provides the core capabilities of a tactical airborne mission system - Powerful Data Processing, Line-of-Sight Wideband Communications, SATCOM Data Network, and Removable Data Storage.

Operational Advantages

- Compact low-SWAP solution
- Powerful mission computer processing
- Advanced video processing
- Extensive configurable signal interfaces
- Modular stack assembly for mission-specific configurations
- Ruggedized for operation in extreme environments
- Rapid installation

BORSIGHT

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Key Features

- Powerful Intel 5th Gen i7 processor
- Standard ½ ATR form factor
- Integrated gigabit Ethernet switch (up to 23 ports)
- MIL-STD-704 aircraft power input (28 VDC)
- Extended temperature operation: -40° to 55° C
- MIL-STD-810, RTCA DO-160, MILSTD-461 operating environment

Storage

Size:	4.9” x 8.1” x 1.0”
Weight:	1.5 lbs
Storage:	2 TB (removable)

Iridium SATCOM

Size:	4.9” x 11.6” x 1.2”
Weight:	2.2 lbs
Power:	13 W
Bandwidth:	Up to 88 kb/s

Line-of-Sight Datalink

Size:	4.9” x 11.6” x 2.0”
Weight:	5.5 lbs
Power:	130 W
Bandwidth:	Up to 80 Mb/s

Airborne Executive Processor

Size:	4.9” x 11.6” x 4.8”	
Weight:	5.5 lbs	
Power:	130 W	
Interfaces:	DP/DVI/HDMI (2X) VGA (1X) GbE (15X) USB 3.0 (4X) HD-SDI Video Inputs (4X) Serial (7X, configurable)	Synchronous Serial ACC-188 (1X) ARINC 429 (6X) CAN bus (2X) MIL-STD-1553 (4X) Audio GPIO (6X)