



LAND



SEA



AIR



F1

Refer 1/2 Short ATR (Customization)



- Rugged COTS computer with Intel® 3rd generation Core- i7 processor
- NVIDIA®GPU GT730M supports CUDA 384 independent displays by 4 x DP
- Modular rugged chassis with stackable PCIe/104 I/O card expansion.
- 28V DC MIL-STD-1275/704/DO-160 Power supply with Voltage transient protections

Specifications

System

Processor	Intel® 3rd generation Core™ i7 Processor
Memory type	1 x DDR3 1333/1600MHz XR-DIMM 8 GB
Chipset	Intel® QM77

Storage

HDD/SDD support	1 x 2.5" SSD 1 x mSATA SSD backup storage
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Rear I/O

Power button	1
VGA	1
DVI	1
Ethernet	2 with M12 X-Corded connector(up to 6)
COM	2 with M12
USB	2 with M12
Audio	1 with M12
DC-in	1 with M12

Mechanical

Housing	Aluminum
Weight	7Kg (15.43 lb)
Dimension	147(W) x 172(L) x 269.88(H) mm

Mechanical & Environmental

Input Voltage	9 to 36 VDC (Compliant with MIL-STD-1275/704/DO-160 at 28 VDC transient protections)
Operating Temp	-40 to 75°C
Storage Temp	-40 to 85°C
Relative Humidity	Up to 95%RH @40°C, non-condensing
Certifications	CE, FCC
Ingress Protection	Designed for compliance to IP67, MIL-STD-810G

Standard and Certifications

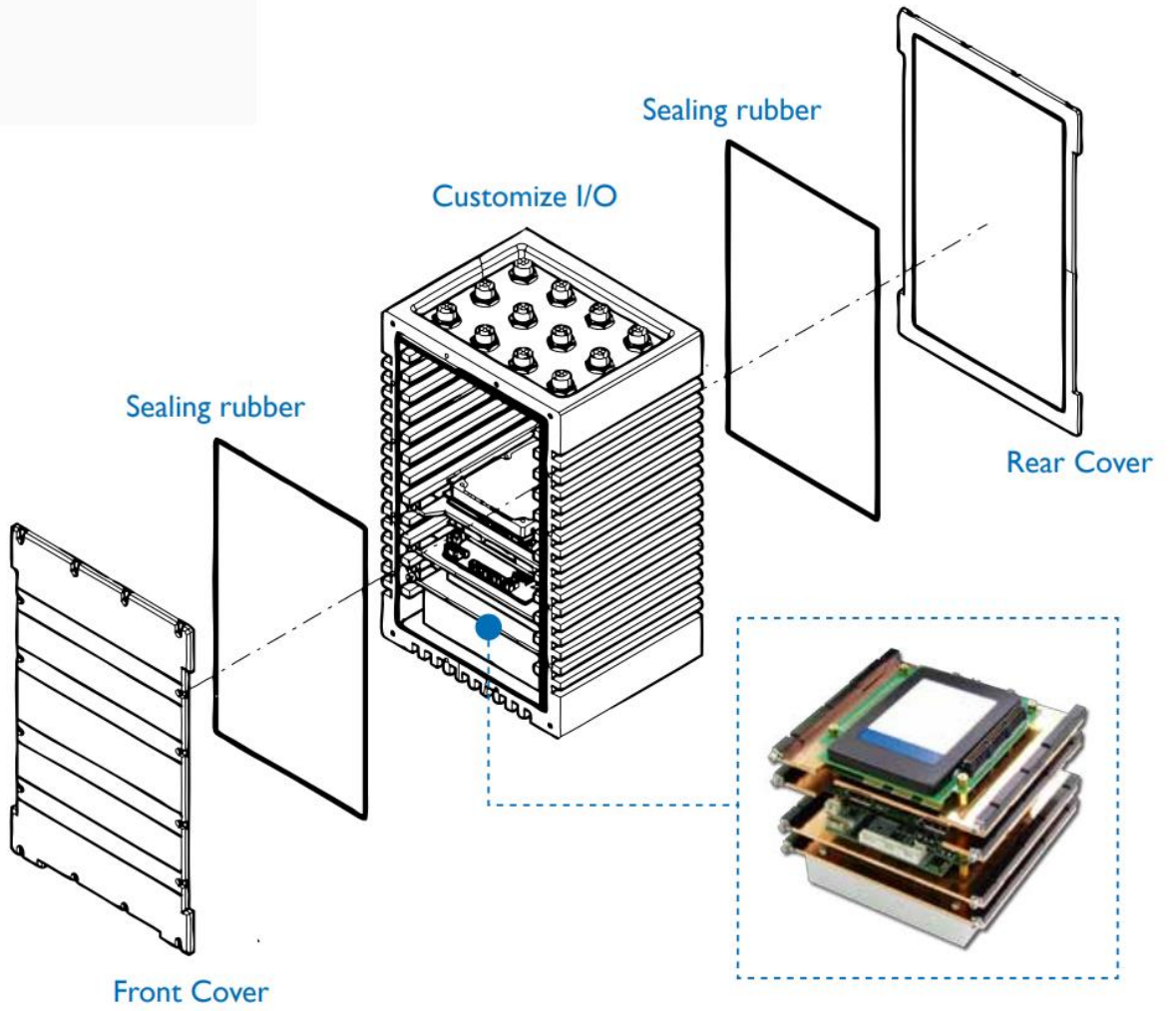
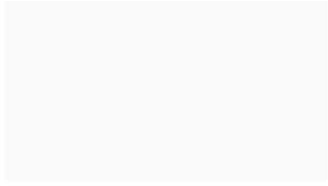
EMI/EMC	Designed to meet MIL-STD-461F & RTCA/DO-160G
Military	Designed to meet MIL-STD-810G and RTCA/DO-160G
Vibration & Shock	Designed to meet MIL-STD-810G

Ordering Information

F1

Core i7 Rugged Military COTS Computer - PCIe/104 Rugged Modular Avionics Computer
Small Form Factor (SFF) with PCIe/104 Architecture

Appearance



Mechanical

