

MILCORTEX OPERATOR INTERFACE COMPUTER**ABOUT**

By combining the power of a fanless MilCortex3000 ruggedized computer with an IP65 seal on an aluminum chassis, Rugged Science provides a powerful HMI solution for all your needs.

A configurable bottom plate allows you to configure the I/O's to your applications, and Intel HD graphics ensure they'll all look crystal-clear. With multiple expansion bays and storage options, the **MilCortex Operator Interface Computer** is the high-performance solution you've been looking for.

FEATURES

- Integrated MilCortex3000 Standalone Computer
- External I/O Configurable Bottom Plate
- Fanless, Solid State Design
- IP65 Seal on Locking-Hasp Door
- Operating Temperature -20°C to 60°C
- Shock: MIL-STD-901D, Grade A
- Vibration: MIL-STD-167-1A
- EMI: MIL-STD-461G
- Power: MIL-STD-1399

System	
Processor	Quad Core Intel® Xeon®/Core™ i7/i5/i3 Processor (Skylake-S/Kaby Lake-S)
Chipset	Intel® C236
BIOS	AMI
SIO	IT8786E
Memory	2x DDR4 2133MHz SO-DIMM, up to 32GB
Configurable External I/O Bottom Plate	
Circular MIL Connectors	2x GbE RJ45 1x USB 1x Power Input
Locking Circular Connector	1x HDMI
Power Toggle Switch	
CPU On/Off Button	
Fiber Cable Glands with Internal ST Fiber Landing Patch Panel (2x)	2x Transmit/Receive 100FX 2x Transmit/Receive 1000LX
Expansion	
Mini PCIe	3x Mini PCIe socket: 2x Full-Size PCIe for PCIe/USB/External SIM/mSATA 1x Half-Size for PCIe/Internal SIM
SUMIT A, B	2x SUMIT Slot (optional)
Graphics	
Processor	Intel® HD Graphics 630/530
Interfaces	DVI-D: Up to 1920 x 1200 @ 60Hz DVI-I: Up to 1920 x 1200 @ 60Hz DisplayPort: Up to 4096 x 2304 @ 60Hz
Power	
Input	115-230VAC, 60Hz, 1 Phase

Storage	
SATA	2x SATA III (6Gbps)
mSATA	2x SATA III (Mini PCIe Type, 6Gbps)
SATA DOM	1x SATA II (3Gbps)
M2 DOM	1x PCIe 3.0 (8GT/s)/SATA III (6Gbps)
Storage Device	1x CFAST Socket, Push-in/Push-out Ejector/2x Front-access 2.5" SSD/HDD Tray
Audio	
Codec	Realtek® ALC892, 5.1 Channel HD Audio
Interface	1x Line-Out, 1x Mic-In
Ethernet	
LAN 1	Intel® I219LM Gigabit LAN supports iAMT 11.0
LAN 2	Intel® I210 Gigabit LAN
PoE (LAN 3-6)	Gigabit IEEE 802.3at (25.5W/48V) PoE+ by Intel®
Mechanical & Environmental	
Weight	32lbs (including mounting bracket)
Dimensions	14"(W) x 15"(H) x 8"(D)
Operating Temp	-20°C - 60°C
Storage Temp	-20°C - 85°C
Humidity	0-95%
Shock	MIL-STD-901D, Grade A
Vibration	MIL-STD-167-1A
EMI	MIL-STD-461G
Power	MIL-STD-1399

Dimensions & Drawing

Unit : inches

