

# MILAXON

## OPERATOR INTERFACE COMPUTER



### OVERVIEW

By combining the power of a fanless MilAxon3000 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 customize the I/O to your applications, and Intel HD graphics ensure they'll all look crystal-clear. With multiple expansion bays and storage options, the **MilAxon Operator Interface Computer** is the high-performance solution you've been looking for.

### FEATURES

- **Integrated MilAxon3000 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**

# MILAXON OIC SPECIFICATIONS

## System

<b>Processor</b>	Intel® Core™ i7-6600U/i5-6300U/ Celeron® 3955U Processor (Skylake-U)
<b>Chipset</b>	Intel® SoC (Skylake)
<b>BIOS</b>	AMI
<b>SIO</b>	IT8786E
<b>Memory</b>	2x DDR4 2133MHz SO-DIMM, up to 32GB

## Configurable External I/O Bottom Plate

<b>Serial</b>	4 COM RS-232/422/485
<b>USB 3.0</b>	5 USB 3.0 (External)
<b>USB 2.0</b>	3 USB 2.0 (Internal)
<b>GPIO</b>	16 GPIO
<b>LED</b>	Power, HDD, Wireless
<b>SIM</b>	2 SIM Card Socket (External)

## Expansion

<b>Mini PCIe</b>	2x Mini PCIe socket: 1 Mini PCIe for PCIe/USB/External SIM Card 1 Mini PCIe for PCIe/USB/External SIM Card/mSATA
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## Graphics

<b>Processor</b>	Intel® HD Graphics 520
<b>Interfaces</b>	DVI-D: Up to 1920 x 1200 @ 60Hz DisplayPort 1: Up to 4096 x 2304 @ 60Hz DisplayPort 2: Up to 4096 x 2304 @ 60Hz

## Power

<b>Input</b>	115-230VAC, 60Hz, 1 Phase
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## Storage

<b>SATA</b>	2x SATA III (6Gbps)
<b>mSATA</b>	1 SATA III (Mini PCIe Type, 6Gbps)
<b>Storage Device</b>	<ul style="list-style-type: none"> <li>• 1 CFast Socket, Push-in/Push-out Ejector</li> <li>• 2 2.5" SSD/HDD Bracket (Internal)</li> </ul>

## Audio

<b>Codec</b>	Realtek® ALC892, 5.1 Channel HD Audio
<b>Interface</b>	1x Line-Out, 1x Mic-In

## Ethernet

<b>LAN 1</b>	Intel® I219LM Gigabit LAN supports iAMT 11.0
<b>LAN 2</b>	Intel® I210 Gigabit LAN
<b>LAN 3/4 (Optional)</b>	100 Mbs Fiber Optic SFP Intel i210is

## Mechanical & Environmental

<b>Weight</b>	30lbs (including mounting bracket)
<b>Dimensions</b>	14"(W) x 15"(H) x 8"(D)
<b>Operating Temp</b>	-20°C - 60°C
<b>Storage Temp</b>	-20°C - 85°C
<b>Humidity</b>	0-95%
<b>Shock</b>	MIL-STD-901D, Grade A
<b>Vibration</b>	MIL-STD-167-1A
<b>EMI</b>	MIL-STD-461G
<b>Power</b>	MIL-STD-1399

