

P/N : 767-1900/01

LEONARDO TURKEY

# Military Computer

(Single Unit)





## GENERAL OVERVIEW

High-performance military computer, designed and developed in compatible with military standards and fully qualified by LEONARDO TURKEY.

## USAGE AREAS

As a high-performance server and client computer it can be used in:

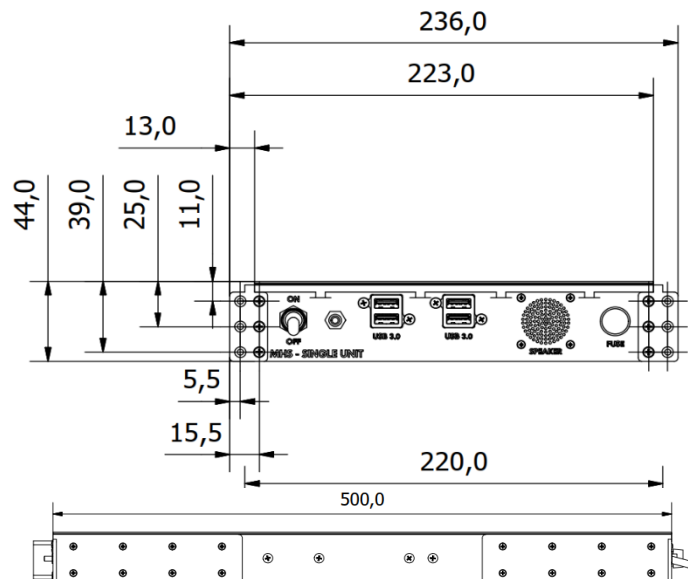
- Military and Civil Projects
- Land and Naval platforms
- Inside the Shelter
- Fixed stations

## EXTERNAL CONNECTIONS

- 2x Ethernets
- 4x USB 3.0 ports on the front
- 2x USB 2.0 ports on the back
- 6x Asynchronous ports
- HDMI Display output
- PCI-X expansion slot

## MAIN FEATURES

- Small and compact equipment
- 19" cabinet mounting possibility
- 1U height and half width of 19" cabinet
- Suitable for desktop use
- Under 4,25kg weight
- No moving parts inside
- Connection with military type connectors
- Fanless cooling
- Internal speaker
- External grounding



## TECHICAL FEATURES

- RAID 0,1,5 support
- SSD disc
- High Memory
- High performance processor
- 1x Intel i7 T series processor
- Min 4 cores per CPU
- Working with 110/220 VAC 50Hz/60Hz voltage
- Two stage electromagnetic noise filtering



## EMI/EMC AND ENVIRONMENTAL CONDITIONS

Test	STANDARD (MIL-STD- 810F)	
	Method	Test Condition
<b>Shipboard Random Vibration</b>	F 514.5	515.5C-15, MIL-STD-167 TYPE-1 Para 5.1.3
<b>Mechanical Shock</b>	F 516.5	10 g
<b>High Temperature Storage</b>	F 501.4	+70°C
<b>High Temperature Operation</b>	F 501.4	+55°C
<b>Low Temperature Storage</b>	F 502.4	-20°C
<b>Low Temperature Operation</b>	F 502.4	0°C
<b>Salt Fog</b>	F 509.4	24h
<b>Humidity</b>	F 507.4	40°C, %95, 15 days

Test	STANDARD MIL-STD-461F EMC/EMI
	Method
<b>CE101</b>	Conducted Emission, 30Hz - 10KHz
<b>CE102</b>	Conducted Emission, 10KHz - 10MHz
<b>CS101</b>	Conducted Susceptibility, 30Hz - 50KHz
<b>CS114</b>	Conducted Susceptibility, 10KHz-400MHz
<b>RE101</b>	Radiated Emission, 30Hz - 100KHz
<b>RE102</b>	Radiated Emission, 10KHz - 1GHz
<b>RS101</b>	Radiated Susceptibility, 30Hz - 100KHz
<b>RS103</b>	Radiated Susceptibility, 10KHz - 1GHz

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