

MILCOTS™

10.4" Panel PC 6010XG

Rugged Solution For Most Demanding Environments

IP68 PANEL PC FOR MIL APPLICATIONS



Highly Rugged Graphic Computer

Armored Vehicles

Special Forces

Navy

All Harsh Environment Applications
Requiring Total Protection

Key points

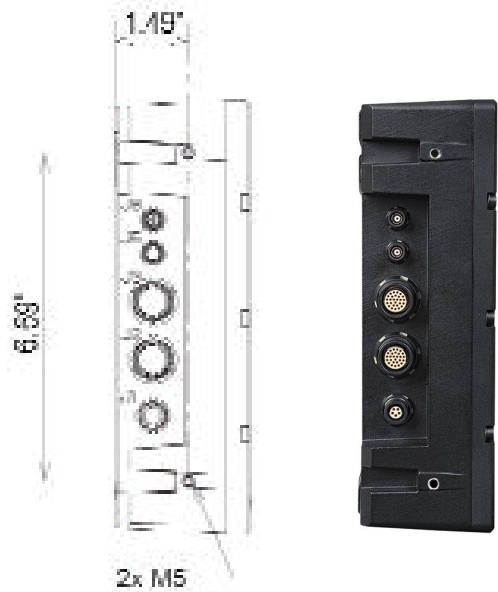
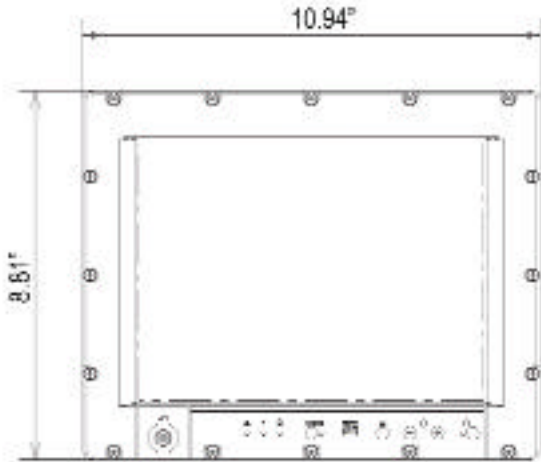
- Rugged durable aluminum packaging
- Touch input design
- High Quality graphic display
- High connectivity
- Thermal performance
- Rugged removable hard drive
- USB front connectors for easy access
- IP65 to IP68
- Temperature range: -32°C to 60°C
- Compact size

Options

- Brightness tuning from 100 to 5% (dimming)
- Handles
- EMC/EMI. This range is available with several levels of protection and reinforcement from the standards required by the information technology industry to the military sector (MIL-STD)



10.4" Panel PC 6010UX



Display Module	Color active matrix TFT 10.4"
Native Resolution:	1024 x 768
Brightness:	250 cd/m ²
Contrast Ratio:	1200:1
Dot Pitch:	0.0685 (H) x 0.2055 (V) mm
Viewing Angle:	176° (H) /176° (V)
Response Time:	15 msec
Input:	LVDS
Display Color:	16.2 M
Active Display Area:	210.4mm x 157.8 mm

Touch Screen Characteristics	Resistive technology:	6 wires
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Standard PC Module, ETX Architecture	Processor:	pentium® M, 1.4GHz or Core Duo U2400 1.66 GHz
	DD RAM:	DDR-SDRAM 512 Mo up to 1Go (2 Go Core Duo)
	Graphic controller:	Intel 82855GME, integrated graphics
	Serial Ports:	4x serial multiprotocol V11/V24 soft. conf.
	Audio:	AC97 controller stereo ext. and integrated speakers 85dBA/50m int.
	USB:	2 x USB 2.0 + 1 int.
	Network Interface:	1 x 10/100 Base-T Intel 82562
	Keyboard/mouse:	on USB ext.
	HD Drive:	SSD 16Go up to 64Go
	Operating System:	Windows XP embedded / Linux
	Expansion slot:	Specific PCI slot
	Software:	Unit management software and BIT

Controls	Remote control:	3 free programmable function keys (double function)
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Physical Features	Dimensions:	10.94" (W) x 8.81" (H) x 2.75" (D)
	Weight:	11 lbs
	Standard Color:	RAL 101 (flat or semi-gloss black)
	Mechanical standard:	VESA 200 4 x M8
	Packaging:	Aluminum

Electrical Features	Power supply:	Power 18/40V DC with galvanic isolation
	Power Consumption:	35W normal environment condition 75W max. in cold environment

Environmental Conditions	Operating Temperature:	-32 °C to 60 °C
	Storage Temperature:	-40 °C to +70 °C
	Humidity:	95 %
	Altitude:	0 to 45000 feet
	Shock / repetitive:	40g 15 msec / 200 x 25g 6ms x 6 directions
	Vibration:	operating vibration 2.65G RMS random 5 to 500 Hz
	Ingress Protection:	IP65
	EMC:	MIL-STD-1275B, "spikes" & "voltage surge", MIL-STD-461
	Control and supervision:	I/O blackout, brightness tuning, BIT and LED indicators

Options	Ingress Protection:	IP67 or IP68 under 1 meter
	GPS:	uBlox LEA-4H with SuperSense®
	ACQ:	Video acquisition CCIR
	HDD:	Removable MILCOTS rugged HDD
	Ethernet:	Port internal switch: 4 x 10/100BT ext. + 1 x 10B2 ext.
	Optional I/O:	3 x V11/V24 soft. conf and 1x USB
	Battery:	Internal Li-Po battery (15mn) External Li-On battery (2hours)
	High-bright:	500 cd/m, dimming <3%, LED technology
	External Optional Module:	WLAN/Bluetooth

Warranty	1 year (extendable to 3 and 5 years)
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