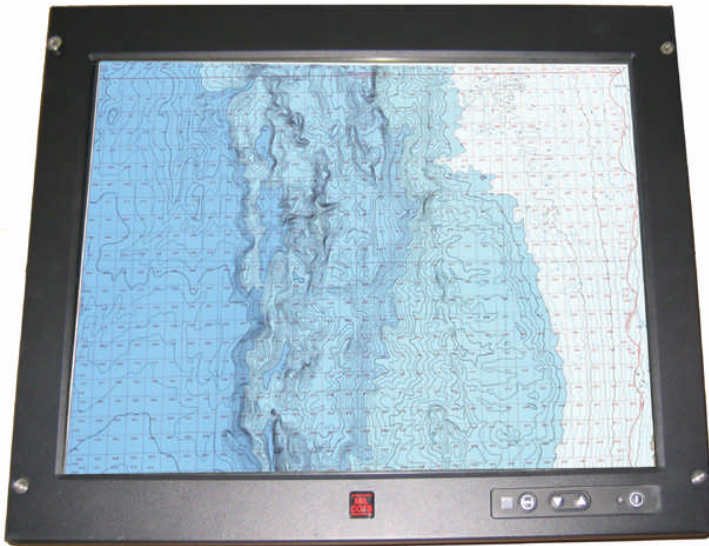


MILCOTS™

20.1" Panel PC / 6020UX

Product range for harsh environments

T O T A L L Y S E A L E D - I P 6 6 - S H I P D E C K C O M P A T I B L E



6020UX model

For waterproof 19" wide, 9U mounting
Integrated PC with optional touch screen

Naval Consoles

Offshore Applications

Shelters and vehicles

Railway

Anti-Vandalism Display

Key points

- High quality display (high contrast ratio)
- Lock / cancel OSD
- Non-reflective coated glass
- Typical product availability: 8 to 10 years
- Pentium M based PC
- Touch screen
- Water resistant

Options

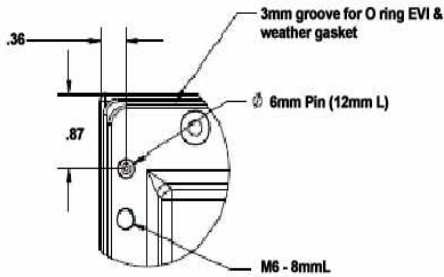
- Brightness tuning from 100 to 5% (dimming)
- Handles
- EMC/EMI. This range is available with several levels of protection and reinforcement from the standards required by the information technology industry to the military sector (MIL-STD)

For operations in extreme conditions (shock, vibration, waterfall, seafog, very high or low ambient light conditions), MILCOTS's 5000 series displays are the right choice for field applications: ground, sea, railway transport), aboard vehicles or in shelter. 6000 series units are fully sealed and integrate an LCD and panel PC with today's computing power with optional touch screen.

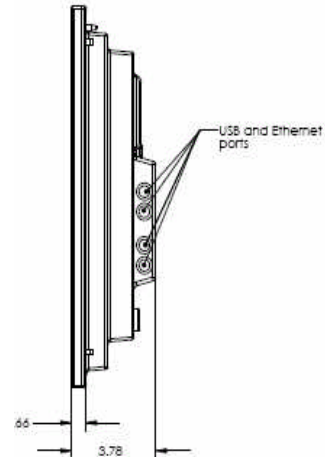
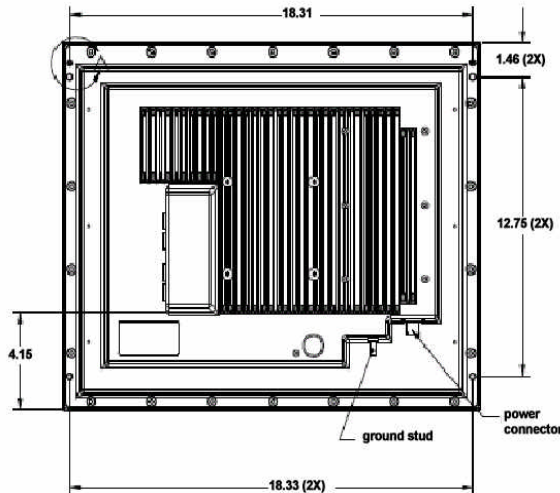
6000 series Panel PC's are available in:
19" SXGA
20" UXGA

MILCOTS will design any custom packaging and mounting kit on request

20.1" Panel PC / 6020UX



DETAIL A



Display Module

Native Resolution:	1600 x 1200
Brightness:	250 cd/m ²
Contrast Ratio:	350:1
Dot Pitch:	0.255 mm
Viewing Angle:	170°/170°
Response Time:	16 msec
Display Color:	16.7 M
Active Display Area:	408 x 306 mm

Color active matrix TFT 20.1"

Standard PC Module, ETX Architecture

Processor:	Intel based, 1GHz Celeron typical
Memory:	512 MB standard, up to 1 GB
I/O:	Solid State Disk, 40 GB standard Compact flash optional
USB:	2 x USB 2.0 on sealed, circular connectors
Network Interface:	2 x 10/100 Base-T on sealed, circular connectors

Controls

On Screen Display:	waterproof front panel keyboard
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Physical Features

Dimensions:	19.0" (W) x 15.7" (H) x 3.78" (D) (19"/9U)
Weight:	29 lbs
Standard Color:	RAL 101 (black)

Electrical Features

Power Consumption:	75 W TYP
Connector:	MS 3-prong sealed, circular connector with locking feature Consult MILCOTS for I/O

Environmental Conditions

Operating Temperature:	-20 °C to +50 °C
Storage Temperature:	-32 °C to +70 °C
Humidity:	95 %
Altitude:	0 to 45000 feet
Shock:	MIL-STD-810E
Vibration:	MIL-STD 810E, MIL-STD-167
Ingress Protection:	IP66, NEMA 4

Options

Processor up to 1.4 GHz Pentium M
Touch Sensor: resistive, SAW, IR
Compact Flash drive, accessible via removable rear cover
Shock: MIL-S-901D
EMI: MIL-STD-461

Warranty

1 year (extendable to 3 and 5 years)