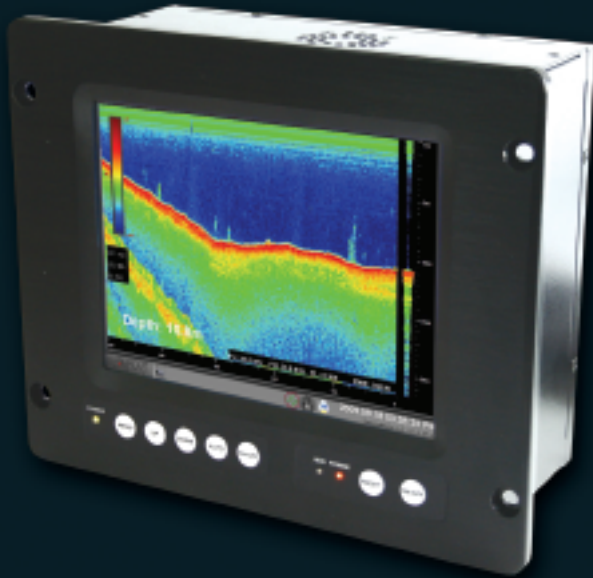


# 8" Touch Screen Military Panel PC



## Features

- Meets industry standard Industrial and Military specifications
- 8" TFT color LCD display with resistive touch screen
- Slim, anti-shock high speed 80GB SATA hard drive
- Crystal clear picture with 800 x 600 pixel resolution
- Power supply STANAG 1008 compliant
- Small size, economic solution, high performance
- Constructed of heavy-duty rugged steel with aluminum front bezel
- Slim and compact design

Marport's military grade touch screen panel PCs (PPC) are specifically engineered to survive harsh marine environments and are fully compliant with applicable industrial and military specifications, including EMI / EMC.

The PPCs are of heavy-duty steel construction with an aluminum front bezel for water and dust protection and weighs 9.8lbs.

The PPC features a 8" TFT color LCD display with 800 x 600 pixels. Each unit contains a push type dimmer switch to control brightness from 100% down to 0% for operator comfort and maximum effectiveness in different ambient lighting conditions. The video controller supports a second display unit that can show a different image.

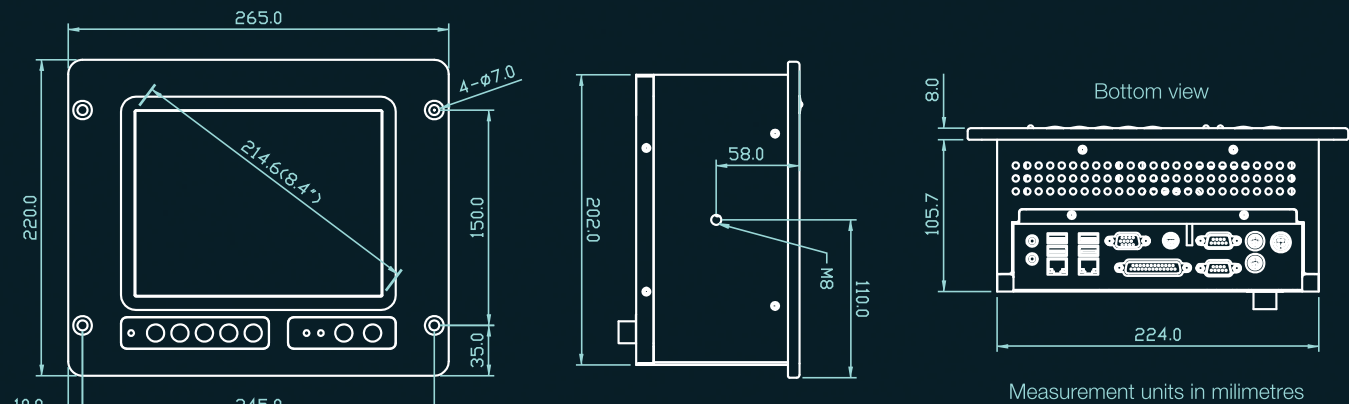
The external power supply meets all military specifications particularly for EMI / EMC and is compliant with STANAG 1008 for surface warships.

The operating system provided is Windows XP Professional. The PPC is equipped with an anti-shock high speed 80GB SATA hard drive, an Intel 65nm processor and multiple-I/O ports for interfacing to other devices and networks. It is a highly integrated, all-in-one compact system with full PC functionality and industrial / military-grade construction and is ideal for new buildings and upgrades.

In addition to the standard version of the military PPC, Marport offers a variety of customizations to meet particular customer requirements and mounting needs.

MARPORT

## 8" Touch Screen Military Panel PC Specifications



<b>System</b>	
<b>CPU (standard)</b>	Intel 65nm Yonah Mobile high speed 1.06GHz with 2M L2
<b>Operating System</b>	Windows XP Professional
<b>Memory (standard)</b>	DDR2-667M high speed 3GB RAM
<b>HDD (standard)</b>	Slim anti-shock high speed 80GB SATA
<b>SSD</b>	1 x CF socket
<b>Video Function</b>	
<b>Dual Independent Display</b>	Support dual independent display with 2 different images
<b>Engine</b>	Intel GMA 950 engine supports 3D / 2D high speed graphics
<b>I/O</b>	
<b>Serial (COM) Port</b>	1 x RS422/485/232 + 1 x RS232
<b>USB 2.0 Port</b>	4 x USB 2.0 accessible at the I/O area
<b>LAN</b>	2 ultra high speed Giga bit 10/100/1000Mbps Ethernet
<b>Touch Screen Type</b>	Resistive
<b>Power Supply</b>	
<b>Compliance</b>	STANAG 1008
<b>Input</b>	90-250 VAC, 50/60Hz, Input Protection
<b>EMI</b>	EN55022
<b>Output</b>	12VDC, 250W
<b>Ingress Protection</b>	IP-65, 66, 67, NMEA-4
<b>Standards certification</b>	
<b>Operating / Storage Temp.</b>	MIL-STD-810F (0°C to +50°C / -20°C to +85°C)
<b>Humidity</b>	MIL-STD-810, Method 507.3 (5% to 95%, non-condensing)
<b>Vibration</b>	MIL-STD-167-1, Type 1 (17 to 500Hz, 3G peak tp peak)
<b>Shock</b>	MIL-S-901, Grade B, Class II (20G / peak, 11m sec)
<b>EMI/EMC</b>	MIL-STD-461E, Para 5.2, Table V, A
<b>EMP</b>	MIL-STD-1310
<b>Salt / Fog</b>	MIL-STD-810, Method 809
<b>Noise</b>	MIL-STD-740, Type 3
<b>Safety</b>	MIL-STD-882, Requirement 1
<b>Quality and workmanship</b>	MIL HDBK 454, Guideline 9

Marport C-Tech Ltd. , 525 Boundary Road, Cornwall, Ontario, Canada K6H 6K8

T: 613.933.7970 F: 613.933.7977

© Copyright 2009 Marport C-Tech Ltd. All Rights Reserved. Marport, the Marport logo, Software Defined Sonar and Omni Sonar are among the trademarks or registered trademarks owned by Marport Canada Inc. and licensed to Marport C-Tech Ltd. These trademarks and registered trademarks should not be reproduced or used without express written permission from Marport C-Tech Ltd. All other brand and product names are or may be trademarks of, and are used to identify products or services of, their respective owners. The elements of this brochure, including text, graphics, logos, designs, and photographs are protected by Canadian and international copyright laws. They should not be reproduced or used without express written permission from Marport C-Tech Ltd.

**MARPORT**