MPac-220WA

Manufacturer: **Leadway Technology**

Maritime Flat Panel Computer – MPac-220WA

EN-60945 (PENDING)

Features

The Combination of the reliable design of the marine TFT-LCD modules together with industrial computer board make this product suitable for customer applications where space is critical, and full function is desired in a single unit.

This unit is equipped with an Intel® Core™2 Duo Mobile Processor .P8400 accepts up to 4GB DDRII DRAM features.
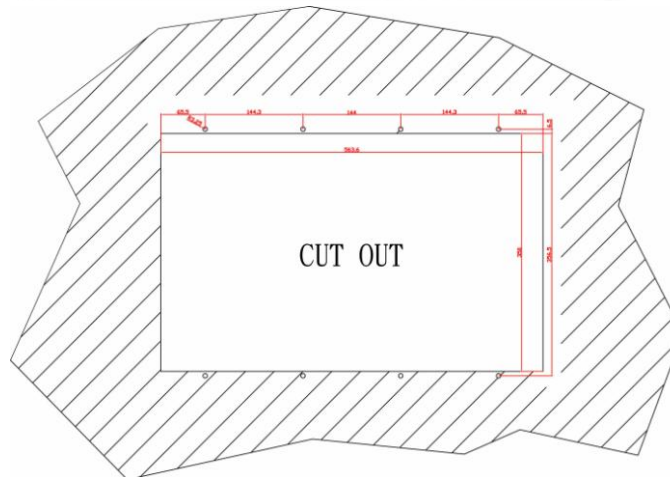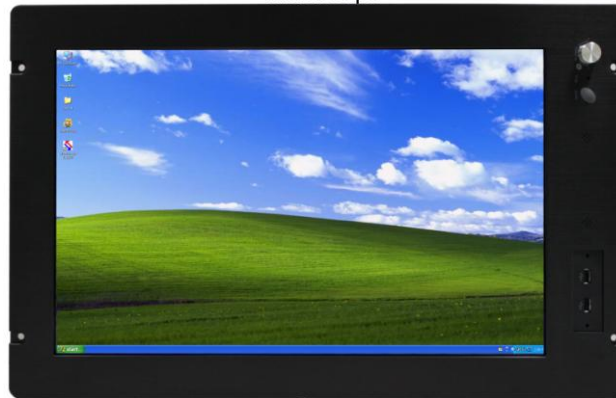
Ideal for both Portrait and Landscape application.

Knob control backlight brightness from 0% to 100%.
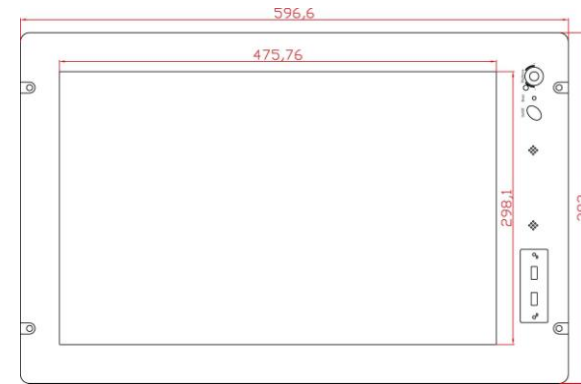
Software to control Alarm/brightness.

Portrait

Landscape

Dimension Drawings

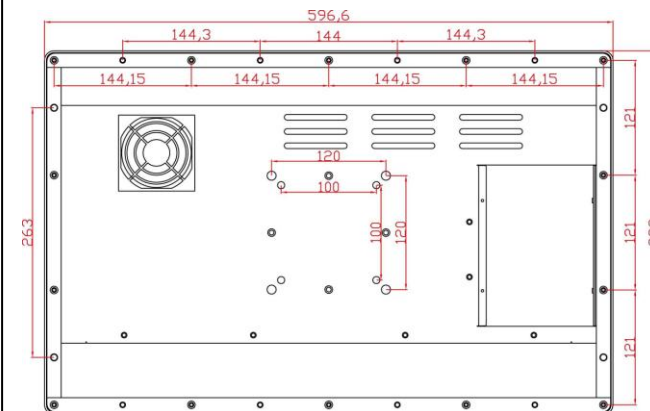**FRONT VIEW**

SIDE VIEW
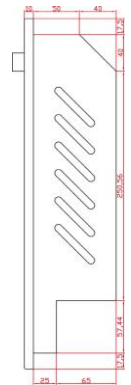
BOTTOM VIEW

BACK VIEW

CUT OUT

MPac-220WA - PRODUCT SPECIFICATIONS

TECHNICAL DESCRIPTION

TFT Technology:

22 inch-wide viewable image size
LPTS Thin Film Transistor (TFT) active matrix

TFT Characteristics:

Pixel Number	1680 x 1050 (WSXGA+)
Pixel Pitch	0.282(H) x 0.282(V)mm
Response Time	20ms (typical),"Rising" to "Falling"
Aspect Ratio	16:10
Contrast Ratio	1000:1 (typical)
Light Intensity	300cd (typical)
Viewable Angle	+/-89deg. (typical)
Active Display Area	473.76(H) x 296.1(V)mm
Max Colors	16.7 millions (6-bit color)

Specifications:

Processor	Intel® Core 2 Duo Processor P8400
System Chipset	Intel GM45 Chipset
BIOS	Award BIOS,ACPI supported
Memory Slot	2GB DDRII DRMA (up to 4GB)
VGA Controller	Intel GM45 integrated GMA4500M
VGA Memory	Shared memory - 1GB
SATA II Controller	3.0Gb/sec/4 Ports

Specifications:

HDD Drive	2.5" 64GB SSD
PCI Slot	2 x PCI2.2 Slots 32-Bit, Full-length
Ethernet	2x Ethernet ports, 10/100/1000 Mbits / sec
USB Ports	6 x USB 2.0 Ports(2 on front panel , 4 at rear panel)
Serial Ports	1 x RS232 Port
Keyboard Port	Standard PS/2 mini DIN Connector
Mouse Port	Standard PS/2 mini DIN Connector
Audio	RCA Jack 3x2 for Audio
VGA Output	15 Pin D-SUB
Buzzer	Buzzer in front-chassis

Power Specifications:

AC-Inlet - 300W ATX,90-264 (49-64Hz) VAC Autoranging	
Power Consumption	75W

Options:

PCI-serial board with 4 or 8 opto-isolated serial ports	
Additional HDD or SDD	
Optical bonding	
Keyboard/rollerball	Several options with dimmable backlight available

MECHANICAL DESCRIPTION

Software:

MicroSoft Windows XP Professional Service Pack 3 or windows 7

User Controls:

On front bezel	Power On/Off (push button) / Reset button
	Brightness Control knob
	2 x USB (Type A receptacle connector)

Physical Dimensions:

Dimension	596.6 (W) x 383 (H) x 100 (D) mm
Weight	14.18 kg

Environmental specifications:

Applied Standards		
Operating	Temperature -15 deg ℃ to +55 deg. ℃	
	Humidity 5 % to 90 %	
Storage	Temperature -20 deg ℃ to +60 deg. ℃	
	Humidity 5 % to 90 %	
SSD Shock Resistance	1500G/0.5ms	