



# 8" MARITIME PANEL PC

## PPC-080T-BT-01

The 8" Maritime Panel PC is a rugged low power multi-touch computer designed and tested for maritime and offshore environments.

The PC is based on a Quad Core Intel® Atom™ Bay Trail processor with low power consumption and has a fanless, minimalistic design with a 8" panel with multi-touch sensor.

### 8" MARITIME PANEL PC

The 8" Maritime Panel PC incorporates an industrial motherboard intended for maritime applications. It is designed with an optimal combination of state of the art PC technology and long life time components.

The panel PC can be mounted flush with the console, VESA or using a drop-in mount.

The front panel complies with IP65 standard, and makes it the perfect fit for maritime applications.

Using the Intel® Atom™ E3845 CPU, Panel PC delivers exceptional graphic performance with notable rates of data transfer.

### FEATURES

- Intel® Atom Bay Trail E3845 Quad-Core embedded SoC
- DDR3 memory- 4GB
- PCAP touch screen
- 8" industrial grade panel
- Mini Displayport for external monitor
- 4 gigabit LAN ports
- Internal solid state storage
- 2 USB ports (1xUSB 3.0, 1xUSB 2.0)
- RJ45 output for RS232/422/485
- Front IP65
- Flush, VESA or drop-in mounting
- Built in 24Vdc power input
- IEC-60945 maritime standard compliance

# 8" MARITIME PANEL PC

## TECHNICAL SPECIFICATIONS

### MAINBOARD

- Mainboard based on Intel® Atom™ Bay Trail SOC

### MEMORY

- 204-pin SO-DIMM socket.  
Supports up to 4GB 1067/1333MHz SDRAM

### PROCESSOR

- Intel® Atom™ Bay Trail processors (22nm)
- CPU: Intel® Atom™ E3845 (2MB Cache/ 1.9GHz)

### PANEL

- 8"

### RESOLUTION

- 800x480 (WVGA)

### COLOURS

- 8bit colours (16,2mill)

### BRIGHTNESS

- 500 nits

### CONTRAST

- 1 : 600

### VIEW ANGLE

- 70°/70° (Horizontal) 60°/60° (Vertical)

### TOUCH

- PCAP, multi-touch support

### STORAGE

- Internal mSATA
- Supports SATA 3Gb/s and SATA 6Gb/s

### GRAPHICS

- Intel® HD Graphics

### NETWORK

- 4x Intel® I210IT PCIe Gigabit Ethernet

### POWER SUPPLY

- 24 VDC input
- Reverse polarity protection
- Galvanic isolated

### POWER CONSUMPTION NOMINAL / MAX

- 13W / 25W

### SIZE

- 219.5 mm (W) x 148.5mm (H) x 40 mm (D)

### WEIGHT

- Approx. 3 kg.

### USB

- 2 USB ports (1xUSB 3.0, 1xUSB 2.0)

### OPERATING\* TEMPERATURE RANGE

- -10 to +55°C (tested for -25 to +70°C)

### STORAGE TEMPERATURE RANGE

- -25 to +75°C

### APPROVALS AND CERTIFICATIONS

- CE,
- IACS E10
- IEC 60945



8" Maritime Panel PC - VESA Mount

\*Continuously running at operating temperature above 45°C will reduce the lifetime of the PC. For high temperature environment and use in enclosed cabinets/consols without airflow or cooling, a low noise fan kit is available. Recommended operating temperature is 25°C.

### DATA RESPONDS NORGE AS

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