



QFIX - Indoor Panel Marine Computers

VESA / Panel Mount

High-performance or low-power (fanless) panel marine computer for indoor applications with touchscreen display for easy handling.

Waterproof and reliable

New Locomarine™ QFIX v2 and QFIX Atom series marine computers displays are designed for indoor installations. With additional mount you can easily install it in the panel, on the navigational tables and walls or any other vertical surface. All QFIX models are IP64 protection rated (*front panel only*) with Locomarine™ NZBN™ chemical protection applied.

Daylight readability

Locomarine™ QFIX marine computers have built in high quality LCD displays with backlight of 300-350 NIT and contrast of 700-850:1 (*depends on a model*) that will ensure readability under any daylight condition.

Touch-screen technology

All models are equipped with resistive touch screens for easier operation under high seas or anywhere else where usage of mouse or similar pointing devices is not possible.

Excellent Computational and Multimedia Performance

The high performance Intel® Core 2 Duo® and ultra low power Intel® Atom mobile processor offers the best combination of high performance computing features with the lowest power dissipation. Built-in Bluetooth module increase peripheral device connections and integrated PIFA antenna ensures an uninterrupted wireless connection. An optional GPRS module enables easier access to the Internet through a GSM network. Integrated VGA output ensure dual display mode for building real Glass-bridge navigational solution.



The QFIX marine computer series has four mounting holes compliant with the VESA mounting standard on the rear panel for stand mounting and other mounting methods.

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Specifications

QFIX-15 v2

Screen: 15.6"
Resolution: 1366x768 px
Backlight: 300 NIT
Contrast: 700:1
Viewing angle: 140° / 125°
Size: 400x273x63 mm
Weight: 3.3 kg
Power consumption: 82 W

QFIX-17 v2

Screen: 17"
Resolution: 1280x1024 px
Backlight: 300 NIT
Contrast: 800:1
Viewing angle: 160° / 160°
Size: 410x349x83 mm
Weight: 6.2 kg
Power consumption: 90 W

QFIX-19 v2

Screen: 19"
Resolution: 1440x900 px
Backlight: 300 NIT
Contrast: 850:1
Viewing angle: 160° / 160°
Size: 475x259x65 mm
Weight: 5.8 kg
Power consumption: 88 W

QFIX-15 Atom

Screen: 15.6"
Resolution: 1366x768 px
Backlight: 300 NIT
Contrast: 700:1
Viewing angle: 140° / 125°
Size: 400x273x63 mm
Weight: 3.3 kg
Power consumption: 50 W

QFIX-19 Atom

Screen: 19"
Resolution: 1440x900 px
Backlight: 300 NIT
Contrast: 850:1
Viewing angle: 160° / 160°
Size: 475x259x65 mm
Weight: 5.8 kg
Power consumption: 55 W

v2 models

CPU: Intel® Core 2 Duo® P8400 (2.26GHz)*
Chipset: Intel® GM45*
Memory: 2 GB DDR2 800 SO-DIMM (4.0 GB max.)
I/O Ports and Switches: 1 x External SATA, 1 x RS-232 COM, 1 x RS-232/422/485 COM, 1 x VGA, 1x HDMI, 2 x RJ-45 for GbE, 4 x USB 2.0, 1 x Power Switch, 1 x Reset Button, 1 x Audio
WLAN: 1 x PCIe mini card WLAN module (802.11 b/g/n)

Atom models

CPU: Intel® Atom® N270 (1.6GHz)
Chipset: Intel® 945GSE
Memory: 2 GB DDR2 400 SO-DIMM (2.0 GB max.)
I/O Ports and Switches: 1 x External SATA, 1 x RS-232 COM, 1 x RS-232/422/485 COM, 1 x VGA, 2 x RJ-45 for GbE, 4 x USB 2.0, 1 x Power Switch, 1 x Reset Button, 1 x Audio
WLAN: 1 x PCIe mini card WLAN module (802.11 b/g)

v2 and Atom models

Audio: AMP 3W+AMP 3W
Bluetooth: yes (v2.0, Class 2, internal USB)
Camera: 300K **Microphone:** integrated **SSD:** CF Type II
HDD Drive Bay: 1 x 2.5" SATA HDD bay (hard disk is not included in the price)
Optional HSDPA Module: yes (not included in the price)
Watchdog Timer: Software Programmable supports 1~255 sec. System reset
Touchscreen: 5-wire Resistive, RS232
Construction material: ABS + PC Plastic front frame
Mounting: Panel, Wall, Rack, Stand and Arm (VESA 100 x 100mm)
Power requirement: 12 VDC
Shock: 10G acceleration peak to peak (11ms)
Vibration: -5 ~ 17Hz 0.1" double amplitude displacement / -17 ~ 640 Hz 1.5G acceleration peak to peak
Operating environment: 0 ~ +40 °C, 95% relative humidity
Storage environment: -20 ~ +60 °C, 95% relative humidity
Waterproof and dust protection rating: IP 64 (front panel only)
Warranty: two years (limited)
Optional equipment: VESA mount UPS (9-36VDC input), VESA wall/panel mount, desktop stand



Multiple connectors ensure maximum connectivity.