MARINE PC

Marine Grade Fanless Splashproof 15" Touchscreen Integrated Computer/ Monitor

MPC-SPC15

The MPC-SPC15 is a marine grade flat panel Active Matrix LCD Monitor combined with an Intel QuadCore Atom Mobile Processor and is designed for rugged use on or off bridge in semi-protected areas. The 15" XGA (1024x768) LCD utilizes LED technology to enhance viewing in daylight. The MPC-SPC15 front is fully sealed to IP65 in the front and rear with waterproof connectors. It comes standard with a waterproof touch screen that is fully operational even when wet. The MPC-SPC15 utilizes an ultra-low power 1.91 GHz. Intel QuadCore Atom E3845 mobile processor for low wattage and high performance. It comes standard with a 300GB hard drive (or 128GB SSD), 2GB RAM, Ethernet, 3-USBs, 1 - RS-232 COM. The MPC-SPC15 is available with Windows7 Pro, Win10 or Linux. The normal operating temperature range is 0 to +50°C (-20 to 60°C with Solid State Hard Drive) making it suitable for use in almost any climate without special conditioning. The anti-corrosion stainless steel case is designed for flushed-in mounting or can be used with a standard VESA mount. Common applications include electronic chart plotter, virtual instrumentation, sounder, operator interface or as a weather computer. It is available with hard drive and memory upgrades and wireless LAN.

Standard Features

- Sealed Stainless Steel Case Rated IP65 Splashproof.
- 15" XGA Color LCD, 300nit LED Backlight.
- Waterproof Touchscreen.
- 1.91 GHz. Ultra-Low Power Intel QuadCore CPU.
- 300GB Hard Drive (or 128GB SSD) upgradable.
- 2 GB DDR3 RAM (upgradable to 8 GB).
- Ethernet, 10/100/1000BaseT (Dual optional).
- Optional Wireless LAN 802.11 b/g/n.
- Windows7 Pro, Win10 or Linux Fedora.
- Exceptional Temperature Range: -20 to +60°C.
- Standard Flush Bezel for Console Mounting.
- Optional VESA Mount.
- Powered from 12 or 24 VDC nominal.
- 1 - RS-232 COM, 3 - USBs, 2x Sealed Speakers.

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15" Touchscreen
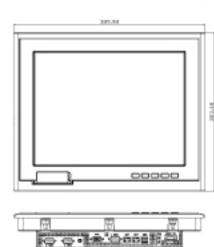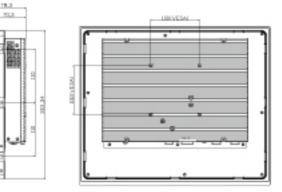## Integrated Computer/ Monitor

MPC-SPC15

Specifications

▣	**Display**	15" Active Matrix TFT LCD: XGA (1024x768) Native Resolution
▣	**Brightness**	300 nits low power LED Backlight (Optional ~1,000 nits Dimmable)
▣	**Touchscreen**	Analog Resistive Waterproof Touchscreen, 35 Million Activations
▣	**Processor/Chipset**	Intel QuadCore Atom 1.91GHz. CPU E3845, Fanless Cooling
▣	**Hard Drive**	300 GB Hard Drive (or 128GB SSD), Upgradable to 250, 500GB or 1TB Solid State, or 500 GB or 1TB HD
▣	**Memory**	2GB, Upgradable to 8 GB, DDR3 1333MHz.
▣	**Networking**	1 - 10/100/1000BaseT RJ-45 (Dual LAN optional)
▣	**Wireless**	Optional WIreless LAN IEEE 802.11 b/g/n
▣	**Inputs/Outputs**	1 - RS-232, 3 - USB 2.0, 2 - Waterproof Speakers
▣	**Operating System**	Windows7 Pro (32 or 64-bit) or Win10 Optional: Linux
▣	**Housing**	IP65 Splashproof Sealed Stainless Steel Front, Rear Aluminum Heat Sink
▣	**Mounting**	Flush Mount Bezel for Console Mounting Standard, Optional VESA100 Mounting
▣	**Power**	9-30 VDC, 60 watts (AC Adapter Optional)
▣	**Basic Dimensions**	14.62" x12.13" x 2.6" (371mm.x 308mm.x65mm.) Cutout: 13.6" x 11.1" (345mm.x282mm.)
▣	**Weight**	Net: 13.65 lb. (6.2 kg.) Shipping: 17 lb. (7.7 kg.)
▣	**Standards**	CE, FCC Class A

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