



Marine Grade Fanless
17" Touchscreen
Integrated Computer/ Monitor

MPC-OPC17

The MPC-OPC17 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 17" SXGA (1280x1024) LCD utilizes LED technology to enhance viewing in daylight. The MPC-OPC17 front is fully sealed to IP65 in the front and IP22 in the rear. It comes standard with a waterproof touch screen that is fully operational even when wet. The MPC-OPC17 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, 6-USBs (2-front, 4-rear, 2-internal), 2 - RS-232 and 1-RS232/422/485 COMs. The MPC-OPC17 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 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 Aluminum Front Rated IP65 Splashproof.
- 17" SXGA Color LCD, 380nit LED Backlight.
- Waterproof Touchscreen.
- 1.91 GHz. Ultra-Low Power Intel Core Atom 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 or 2 - COMs, 2 or 4 - USBs, HDMI Out, Audio.





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Specifications

❑	Display	17" Active Matrix TFT LCD: XGA (1280x1024) Native Resolution
❑	Brightness	380 nits low power LED Backlight (Upgradable to ~1,000 nits)
❑	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 RAM 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-232/422/485, 2 - USB 2.0 (4 - optional), 1 - HDMI, Audio LineOut, PS-2 KMS
❑	Operating System	Windows7 Pro (32 or 64-bit), Win10 Optional: Linux
❑	Housing	IP65 Splashproof Sealed Front, Aluminum Rear Case with Aluminum Heat Sink
❑	Mounting	Flush Mount Bezel for Console Mounting Standard, Optional VESA100 Mounting
❑	Power	12-26 VDC, 60 watts (AC Adapter Optional)
❑	Basic Dimensions	15.04" x12.6" x 2.33" (382mm.x 320mm.x59mm.) Cutout: 14.65" x 12.2" (372mm.x310mm.)
❑	Weight	Net: 11.45 lb. (5.2 kg.) Shipping: 16.5 lb. (7.5 kg.)
❑	Standards	CE, FCC Class A

