



Our Vision is Your Vision

MPPC Series

LCD Marine Panel PCs

MPPC Series

Flat P-CAP Marine Panel PCs with 19", 24" or 26" Display
IEC60945 compliant for ECS Chart Systems



- 1280 x 1024 (19"), 1920 x 1080 (24"), 1920 x 1200 (26") resolution with projective capacitive multi-touch screen
- Edge-to-edge narrow bezel design and fanless cooling system
- Color calibrated for ECDIS compliance (Optional)
- Capacitive touch keys for quick function access and display control
- (Support ECDIS DAY, DUSK, and NIGHT mode switching)
- Optional 4 x COM port (NMEA 0183 protocol) 422/485 switchable via software
- Meets the requirements of Industrial marine standards, including IEC60945 4th Edition, DNVGL-CG-0339, IACS E10
- Supports capacitive touch key lock / touchscreen lock function

Marine Panel PC	MPPC-19T	MPPC-24T	MPPC-26T
FEATURES			
Diagonal (active area) Inch	19	24	26
Native Resolution (Pixels)	1280 x1024	1920 x 1080	1920 x 1200
Colors	16.7M	16.7M	16.7M
Contrast Ratio	1200:1	5000:1	1500:1
Brightness	350	350	350
Viewing Angle (left, right)	89, 89	89, 89	89, 89
Viewing Angle (up, down)	89, 89	89, 89	89, 89
Backlight Dimming	-0 (3 Stage ECDIS Option)	-0 (3 Stage ECDIS Option)	-0 (3 Stage ECDIS Option)
Processor	Intel i5-5200U 2.2Ghz (turbo to 2.7GHz)	Intel i5-5200U 2.2Ghz (turbo to 2.7GHz)	Intel i5-5200U 2.2Ghz (turbo to 2.7GHz)
System Memory	Standard 8GB,(Max 16GB)	Standard 8GB,(Max 16GB)	Standard 8GB,(Max 16GB)
Ethernet	Dual Ethernet Gb LAN	Dual Ethernet Gb LAN	Dual Ethernet Gb LAN
Storage	128GB SSD	128GB SSD with 1 x Removable Drive Bay	128GB SSD with 1 x Removable Drive Bay
Comports	1x RS232/422/485	1x RS232/422/486	1x RS232/422/487
USB	1 x USB2.0, 2 x USB3.0	1 x USB2.0, 2 x USB3.1	2 x USB2.0, 2 x USB3.1
HDMI out	1x HDMI	1x HDMI	1x HDMI
Operating System	Standard with Windows 10IoT Enterprise Optional: Windows Embedded 8.1 Ind Pro Windows Embedded 8 Std. Windows Embedded 7 Std. Windows 7 Pro for Emedded System	Standard with Windows 10IoT Enterprise Optional: Windows Embedded 8.1 Ind Pro Windows Embedded 8 Std. Windows Embedded 7 Std. Windows 7 Pro for Emedded System	Standard with Windows 10IoT Enterprise Optional: Windows Embedded 8.1 Ind Pro Windows Embedded 8 Std. Windows Embedded 7 Std. Windows 7 Pro for Emedded System
NMEA Interface	4x 0183 Port (Optional)	4x 0183 Port (Optional)	4x 0183 Port (Optional)
Digital IN/OUT	8 Channel Isolated Digital Input/output (Optional)	9 Channel Isolated Digital Input/output (Optional)	10 Channel Isolated Digital Input/output (Optional)
Speaker	2x 2W Speaker	2x 2W Speaker	2x 2W Speaker
Buzzer	75 dB~80 dB, 230 Hz, 1m	76 dB~80 dB, 230 Hz, 1m	77 dB~80 dB, 230 Hz, 1m
Power	9-36VDC Isolated power supply 80W (Max)	9-36VDC Isolated power supply 80W (Max)	9-36VDC Isolated power supply 80W (Max)
Power on/off dimming control	Front Bezel	Front Bezel	Front Bezel
Projected Capacitive touch	YES	YES	YES
ECDIS Color Calibration	Optional	Optional	Optional
Mounting	Panel Mount , Vesa Mount	Panel Mount , Vesa Mount	Panel Mount , Vesa Mount
Dimensions	429mm X 392mm X 72.8mm 16.889 X 15.433 X 2.866	595mm X 385mm X 63.8mm 23.43 X 15.16 X 2.51	621mm X 432.4mm X 85.5 24.44 X 17.02 X 3.66
Cutout	408mm X 359mm 16.03 X 14.13	572mm x 363mm 22.51 X 14.29	598mm X 408mm 23.54 X 16.06
IP Rating	IP65 Front	IP65 Front	IP65 Front
IEC60945, DNV, IACS E10, CE,FCC	YES	YES	YES
Operating Temperature	-15 to 55 c	-15 to 55 c	-15 to 55 c



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