

IEC 60945 - LCD Panel Computer

Model no: TMP-26SD/TS



Our TMP-26SD/TS of marine LCD PC is designed for use ships and ferries. The main certifications for marine computers are CE and IEC 60945 which cover shock and vibration tolerance as well as environmental safety.

The vessel's integrated navigational system, commonly known as the vessel's, improves the navigation and safety of the vessel through intelligent marine computing onboard.

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TMP-26SD/TS Specifications

Display Description		Mechanical Description	
TFT Characteristics		Dimensions	634(W) x 471(H) x 103 (D) mm
LCD Type	26.1" TFT LCD	User Key Controls	Rear side Fixed, push dom pad type
Max. Resolution	1,920 x 1,200 pixels	Case Material	Aluminum Sheet
Active Display Area	550.08 x 343.80 mm	Set Mounting	VESA / Flush mounting
Brightness	350cd/m2, Option: 800 cd/m2 (Typ.)	Sealed Rate	Front IP-65 / Rear IP-22
Contrast Ratio	1,500:1 (typ.)	Environmental Specifications	
View Angle	176 ° / 176 °	Operating Temperature	0 to +50 °C
Pixel Colors	16.7 million	Storage Temperature	-10 to +70 °C
Backlight Cycle	50,000 hours (Typ.)	Operating Humidity	5% to 90% (non condensing)
		Storage Humidity	5% to 90% (non condensing)
Computer Specifications		In-Output Connectors	
Installed OS	Window10-Microsoft	Ethernet GB LAN	2 x PCIe Gbe LAN
Installed Storage	250GB 2.5-inch SSD, SATA 6.0Gb/s	Input	1 x 2 Pin Rower Input Terminal Block
CPU/Processor	Intel® Core i5- 6300U 3M Cache, 2.4 GHz	Power on/off	1 x Power switch on/off
Installed Memory	DDR4 8GB PC4 - 19200	RS-232/422/485	1 x RS-232/422/484 Selectable by BIOS(COM1)
System Chipset	SoC integrated	RS-232	1 x RS-232(COM2)
Graphic Chipset	Intel® HD graphic System	RGB/DVI/HDMI	1 x RGB, 1 x DVI, 1 x HDMI
Ethernet LAN	PCIe Gbe LAN	USB	2x USB 3.0, 4x USB 2.0
		Power Input Specifications	
		DC Power Input	12 ~ 34VDC
		Power Consumption	70 Watts
Computer Configurations		Touch Screen (Option)	
CPU	Intel® Core i5- 6300U 3M Cache, 2.4 GHz	Multi Touch	Projected Capacitive Touch screen
Memory	DDR4 8GB PC4 - 19200	Analog Touch	5W Resistive Touch Screen
Storage	SATA SSD 250GB(default)		
OS Program	Windows 10		
Factory Options			
- Variations of SSD / HDD Storage, RAM Memory, Operating System			
Certifications			
CE Mark	Approved		
IEC 60945	Approved, testing the color calibrated for ECDIS compliance		
IEC 61174	Pending		

Safety Considerations

Even although, test conditions for bridge units provide for maximum operation temperature of 70°C, continuous operation of all electronic components should, if possible, take place at ambient temperatures of only 25°C. This is a necessary prerequisite for long life and low service costs.

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