



IEC60945 Certified Ruggedized, Fanless High Performance DC Computer for Marine Use

MPC-6726

The MPC-6726 is a high performance marinated computer designed for ship-board use in all weather conditions up to Sea State 5. The high performance 6th Generation 2.60 GHz. DualCore i7 Intel® mobile CPU is built for fanless operation, very low power/heat and low maintenance. The MPC-6726 has been tested and is certified to meet IEC60945 for use on all vessels. Designed for high shock and vibration and wide variations in operating temperature, the non-ventilated enclosure eliminates dirt and salt air drawn in by fan-cooled units. The MPC-6726 is designed to be bolted down where ever it is convenient for operation in a vessel. The MPC-6726 is user friendly, running Microsoft Windows10® Professional operating system. It offers standard I/O including 2-RS-232 COM's, 4-RS-232/422/485 2.5KV isolated serial COM ports, 2-USB 2.0 ports, 4-USB 3.0 ports, dual RJ-45 fast ethernet and DP (adapts to HDMI or DVI or VGA) monitor output. The MPC-6726 is designed to be powered directly from any 9-36 VDC source and is available with external 90-254 VAC power adapter. The MPC-6726 has an all aluminum enclosure yet it is rated to operate from -20° to +60°C (-4° to 140°F) and it is extremely compact, taking only 9.45"W x 5.96"D x 2.95"H. Connections are made to the computer via standard computer connectors for interoperability and convenience. Standard is a 275GB SSD and 8GB RAM.



Front



Rear

Standard Features

- Intel® 2.60 GHz. DualCore 6th Generation Processor.
- 275 GB Solid State Main Drive, Upgradable.
- 8 GB DDR4 1600MHz. RAM Memory Standard, 16GB Opt.
- Intel® Skylake SoC Intergated Graphics Chipset.
- Dual 10/100/1000 Ethernet.
- 4 - RS232/422/485 Isolated COMs, 2 - RS-232 COMs.
- 2 - USB 2.0 Ports, 4 - USB 3.0 Ports.
- Windows10® Pro 64-bit Operating System.
- Fanless Non-Corrosive Aluminum Sealed Case.
- Internal Mini-card Option Slot, Wireless 802.11 b/g/n.
- 9-36 VDC Power Input.
- Super-compact 9.45" x 5.96" x 2.95", 8.4 lb.



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Specifications

□	CPU	Intel® Core i7 DualCore 2.60GHz. 6th Generation Mobile Processor	
□	Operating System	Windows10 Pro 64-bit	
□	Hard Drive	275 GB 2.5" Industrial Grade SATA Intel Solid State Main Drive (Upgradable)	
□	Memory	8GB DDR3 1333MHz. SDRAM (Upgradable to 16GB)	
□	Video Chipset	Intel Skylake SoC Integrated Graphics Chipset	
□	I/O Ports	2 - USB 2.0, 4 - USB 3.0, 2 - RS-232 COM, 4 - RS-232/422/485 Isolated COM, 2.5KV	
□	Monitor Support	DP Port (VGA Adapter Included, Direct Connect to DVI or HDMI with Matching Cable FBO)	
□	Networking	Dual RJ-45 10/100/1000 Base T Ethernet, Optional IEEE 802.11 b/g/n Wireless with Bluetooth	
□	Dimensions	9.45"W x 5.96"D x 2.95"H (240mm. x 151.5mm. x 75mm.)	
□	Mounting	Slotted mounting brackets	
□	Weight	3.8 kg / 8.4 lbs.	
□	Power	35 Watts Nominal	
□	Environmental	Operating	Non-Operating
	Temperature (Air Ambient)	-20°C to 60°C (-4°F to 140°F)	-40°C to 75°C (-40°F to 167°F)
	Relative Humidity	5% to 90% (@40°C) non-condensing	
□	Electrical		
	Input	9-36 VDC Internal	120/240 VAC (Ext. Adapter)
	Frequency	12/24 VDC Input Nominal	45 – 75 Hz
□	Standards	IEC EN60945 Certified, CE, FCC Class B Part 15, Built to MIL-STD-810G	