



Ruggedized, Compact Core2Duo Computer for Marine Use

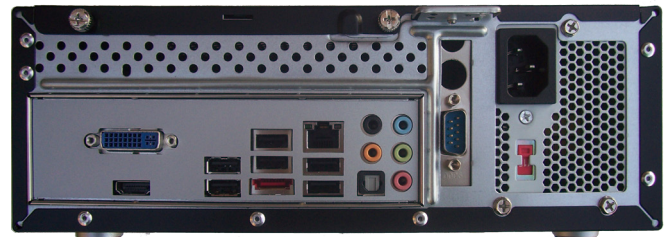
MPC-C220

The MPC-C220 is a high performance marinated computer designed for shipboard use for all general computing needs. The high performance 2.0 GHz. Core2Duo® CPU provides fast operation, low power/heat and low maintenance. Designed for high shock and vibration and wide variations in operating temperature, and includes a CD-DVD optical drive for loading software to playing music and movies while at anchor. The MPC-C220 is designed to be stowed where ever it is convenient for operation in a vessel. The MPC-C220 is user friendly, running Microsoft Windows7®, XP Pro, Linux and other operating systems. It offers standard I/O including 1-RS-232 serial port, 8-USB ports, 10/100/1000 RJ-45 fast ethernet and DVI monitor, plus offers expansion via a PCIe slot. Especially useful is the HDMI output to allow direct connection to wide screen LCD TV displays. The MPC-C220 is designed to be powered directly from a 9-30 VDC or 115/230 VAC source. The MPC-C220 is extremely compact, taking only 11.81" x 10.43" x 3.54". Connections are made to the computer via standard computer connectors for interoperability and convenience. Available options include larger HD, solid state HD, 2 or 4 GB RAM.



Front

Hi-Def Out!



Rear

Standard Features

- Intel® 2.0 GHz. Core2Duo Processor (upgradable).
- 160 GB SATA Hard Drive, Upgradable to 250 GB.
- Optional 64 or 128 GB Solid State Sealed Hard Drive.
- 1 GB DDRII RAM Memory Upgradable to 2 or 4 GB.
- Intel G41 Express Video Chipset.
- 10/100/1000 Ethernet.
- 1 - Serial Port, 8 - USB 2.0 Ports.
- DVI-I Monitor and HDMI Hi-Def TV Outputs.
- Windows7 or XP Pro Operating System.
- AC 97 Audio Codec, Line In, MIC In, Line Out.
- Ruggedized Case, Conformally Coated Electronics.
- PCIe Option Slot, CD-DVD Optical Drive.
- 9-30 VDC Power Input.
- Super-compact 11.81" x 10.43" x 3.54", 9.4 lb.

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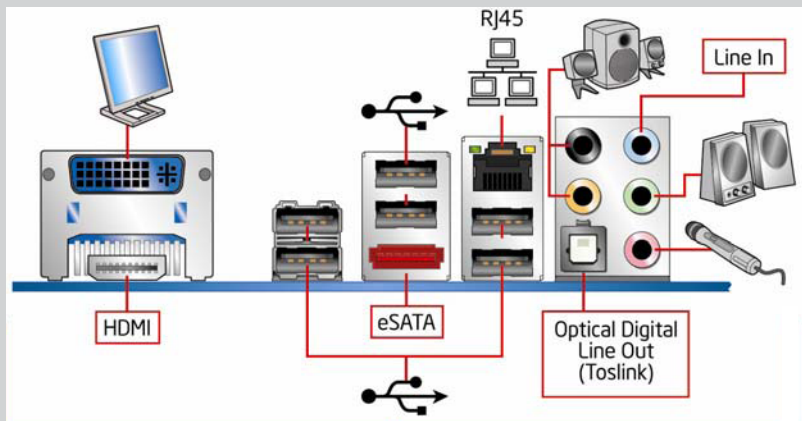


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Specifications

■	CPU	Intel Core2Duo® 2.0 GHz. T7200 Processor with 4 MB L2 Cache, Upgradable to 3 GHz. E8400 or Q9550 Core2Quad	
■	Operating System	Windows7®, Vista, XP, Linux	
■	Hard Drive	160 GB 2.5" Industrial Grade SATA, Optional 250 GB, or 64 or 128 GB Solid State	
■	Memory	1 GB DDR2 533MHz., Upgradable to 4GB	
■	Video Chipset	Intel G41 Express Chipset with x4500 Graphics Media Accelerator	
■	Expansion	1 - PCIe (in lieu of RS-232, compact form factor)	
■	I/O Ports	8 - USB 2.0, 1 - RS-232, eSATA for External Peripherals	
■	Audio	AC 97 Audio Codec, MIC, Line In, Line Out	
■	Monitor Support	Standard DVI-I (RGB) (Adapts to VGA with Optional Connector), HDMI Output for HD TV Displays	
■	Networking	RJ-45 10/100/1000 Base T Ethernet	
■	Weight	4.3 kg / 9.4 lbs.	
■	Dimensions	11.81" x 10.43" x 3.54" (301mm. x 265mm. x 90mm)	
■	Power	130 Watts Nominal, 200 watts max.	
■	Environmental	Operating	Non-Operating
		Temperature (Air Ambient)	-5°C to 50°C (23°F to 122°F) -20°C to 70°C (-4°F to 158°F)
	Relative Humidity	5% to 95% (@40°C) non-condensing	
■	Electrical	Input	10-28 VDC Internal 120/240 VAC Internal
		Frequency	DC Input 45 – 75 Hz
		Standards	CE, FCC Class A Part 15



Rear Panel