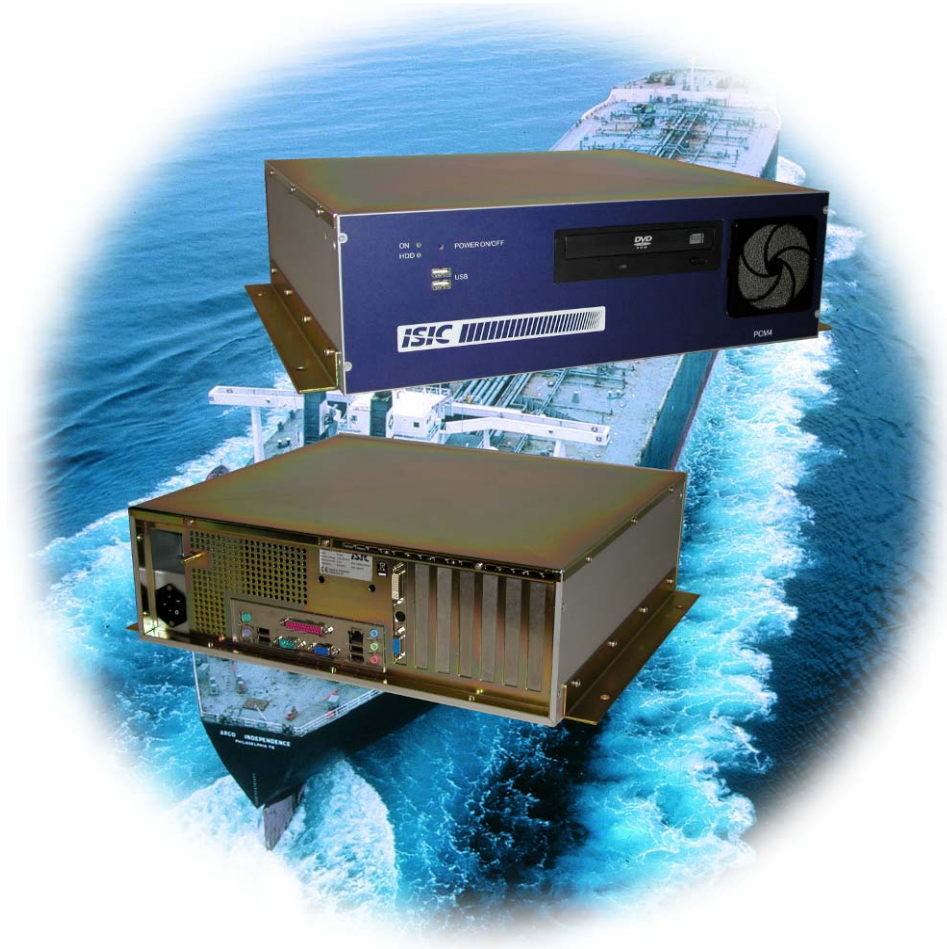


Marine PC - PCM4-965



The PCM4 is a rugged Celeron, Pentium® 4 or Core 2 Duo based Marine PC, designed for the demanding operating conditions at sea.

The PCM4 is tested for full compliance to IACS E10, IEC60945, EN61000-6-2 and EN61000-6-4 and holds certificates from major classification societies.

The design of the PCM4 allows for flexible installation, bolted to a surface using the mounting-angles, and/or mounted in a 19" rack using the optional "rack-ears".

The PCM4 features front access to fan-filter, DVD drive, 2xUSB 2.0 and an on/off switch.

- Innovative thermal cabinet.
- State-of the-art PC technology.
- Rugged and compact design.
- Vibration-proof hard disk drive.
- High grade low noise fan.
- Compliance with IEC60945 ed. 4 and IACS E10 rev. 5
- Holds major type-approval certificates.

PCM4-965 Product Specification

CPU:	Intel® Core2Duo® 2.13GHz <i>1066MHz FSB, cache: 2x32KB L1 / 2MB L2</i>
Chipset:	Intel® 965G <i>Hyper-Threading and Core 2 Duo Technology support 533/800/1066MHz FSB (4x133/4x200/4x266MHz)</i>
Memory:	512 MB DDR2 SDRAM 533 MHz (Standard) Optional Upgrades <i>4 DIMM sockets supporting a total of 4GB DDR2 800MHz</i>
Video:	Intel® GMA X3000 onboard <i>DirectX 9.0c API support, OpenGL 1.5 API support Dynamic Video Memory Technology v4.0 (max. 384MB)</i>
Audio:	5.1 surround sound H.D. audio onboard (SigmaTel STAC9227 audio codec)
Ethernet:	10/100/1000 Mbit/sec Ethernet RJ45 – Intel 82566DC onboard
Hard Disk Drive:	60GB 5400 rpm, 8MB cache, 2.5", SATA (Standard) Optional Upgrades <i>Sizes until 160GB, 24/7 rated disk, 2.5" SATA</i>
Optical Drive:	DVD-R/W Drive (SATA interface) <i>12/16x DVD-R DUAL / DVD+R DUAL 20x DVD-R / DVD+R - 6/8x DVD-RW / DVD+RW</i>

IO Ports

Video:	Analog RGB output, 15-pin DSUB
Audio:	3x 3.5mm jack socket (2-channel analog, 6-channel analog or 5.1 digital)
Keyboard & Mouse:	2x PS2
Serial Ports:	1x RS-232 (internal header)
Parallel Ports:	1x 25-pin DSUB, supports EPP/ECP
Ethernet:	1x RJ45
USB:	10x USB2.0 ports (6 from back, 2 internal header and 2 accessible from front)
Firewire:	2x IEEE (1394a) (1 internal and 1 external)
SATA:	4x (2 available)
Expansion Slots:	1x PCI Express x16, 3x PCI Express x1, 3x PCI

Power Supply Options

Standard:	90-264 VAC, 50-60 Hz, 300 Watt
Automotive:	24 VDC Available Q4 2008

Environmental Conditions

Operating Temperature:	-15 to 55 °C
Storage Temperature:	-25 to 70 °C
Relative Humidity:	8 to 90 %

Approvals

CE Mark:	EN61000-6-2 & EN61000-6-4
Marine:	IACS E10 rev 5 & IEC 60945 Ed. 4

Physical Dimensions

Basic Version:	3U for 19" mounting (420x132x380mm)
Brackets:	For horizontal and vertical mounting
Weight:	11 Kg