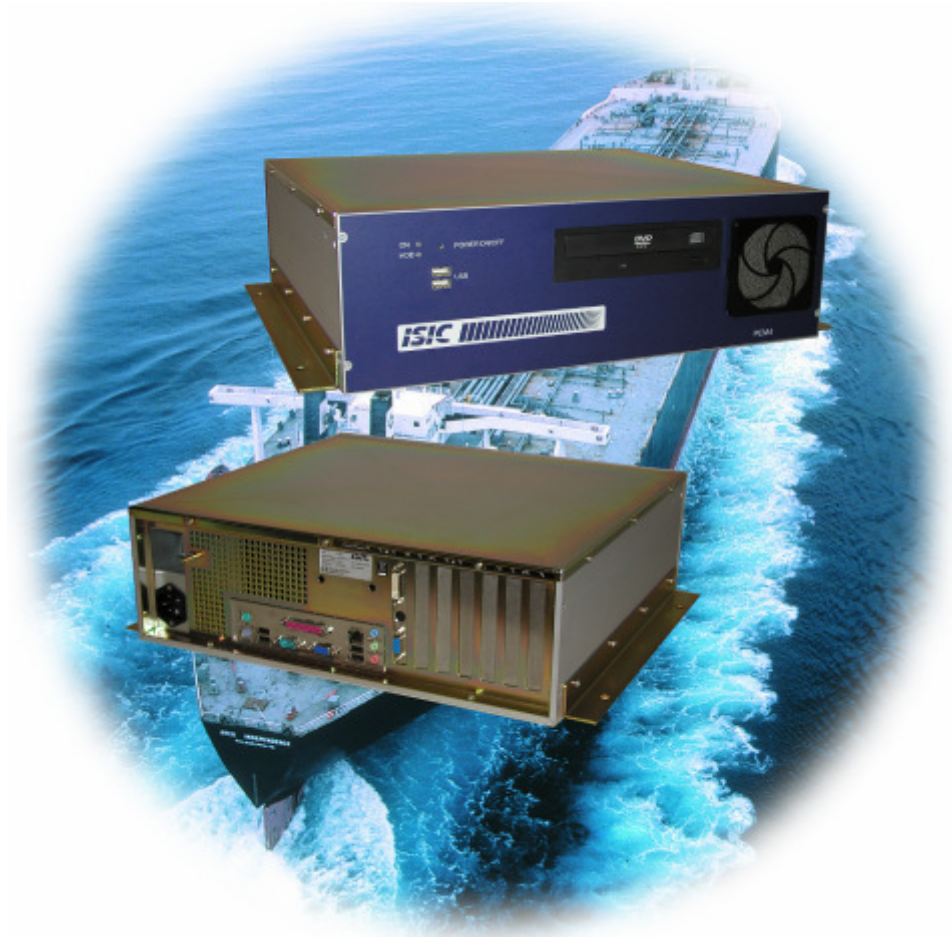


PCM4-G43 - Marine PC



PCM4-G43 is a rugged Intel® Pentium® / Core2Duo / Core2Quad based Marine PC, designed for the demanding operating conditions at sea.

PCM4-G43 is tested for full compliance to IACS E10, IEC60945, EN61000-6-2 and EN61000-6-4 and holds certificates from major class societies (pending Q4-2009).

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

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

- Thermal and mechanical designed 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. (range to be expanded throughout 2010)

Specifications

PCM4-G43 - General

CPU:	Intel® Core2Duo® 2,80 GHz <i>Optional Intel® Core2Quad 2.66GHz</i>
Chipset:	Intel® P43 Express <i>Hyper-Threading and Core2Duo/Quad Technology support 800/1066/1333MHz FSB</i>
Memory:	512 MB DDR2 RAM 800 MHz (Standard) Optional Upgrades <i>4 DIMM sockets supporting up to a total of 8GB DDR2 800/1066 RAM</i>
Video:	Radeon Sapphire HD 4350 512MB VGA+DVI-D (PCIe x16) graphics card <i>DirectX 10.1 and OpenGL 2.0 compliant Dual independent display support</i>
Audio:	5.1 surround sound H.D. audio onboard (Realtek ALC888VC audio codec)
Ethernet:	10/100/1000 Mbit/sec Ethernet (RJ45) – Intel 82567V onboard
Hard Disk Drive:	160+GB 2.5", SATA (Standard) Optional Upgrades <i>Sizes up till 500GB, 24/7 rated disk, 2.5" SATA Solid State Disc 32GB</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>

PCM4-G43 - Ports

Video:	VGA+DVI-D out from graphics card
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 – may be routed to back)
Parallel Ports:	N/A
Ethernet:	1x RJ45
USB:	12x USB2.0 ports (6 from back, 4 internal header and 2 accessible from front)
Firewire:	2x IEEE (1394a) (1 internal and 1 external)
SATA:	6x (4 internally available)
Expansion Slots:	1x PCI Express x16, 3x PCI Express x1, 3x PCI

PCM4-G43 - Power

Standard:	90-264 VAC, 50-60 Hz, 300 Watt
Automotive:	18-36 VDC

PCM4-G43 - Environmental

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

PCM4-G43 - Approvals

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

PCM4-G43 - Dimensions

Basic Version:	420 x 132 (3U) x 380 mm
Brackets:	Mounting-angles - Optional 19" brackets for 19" rack-mount (on shelf)
Weight:	11 Kg