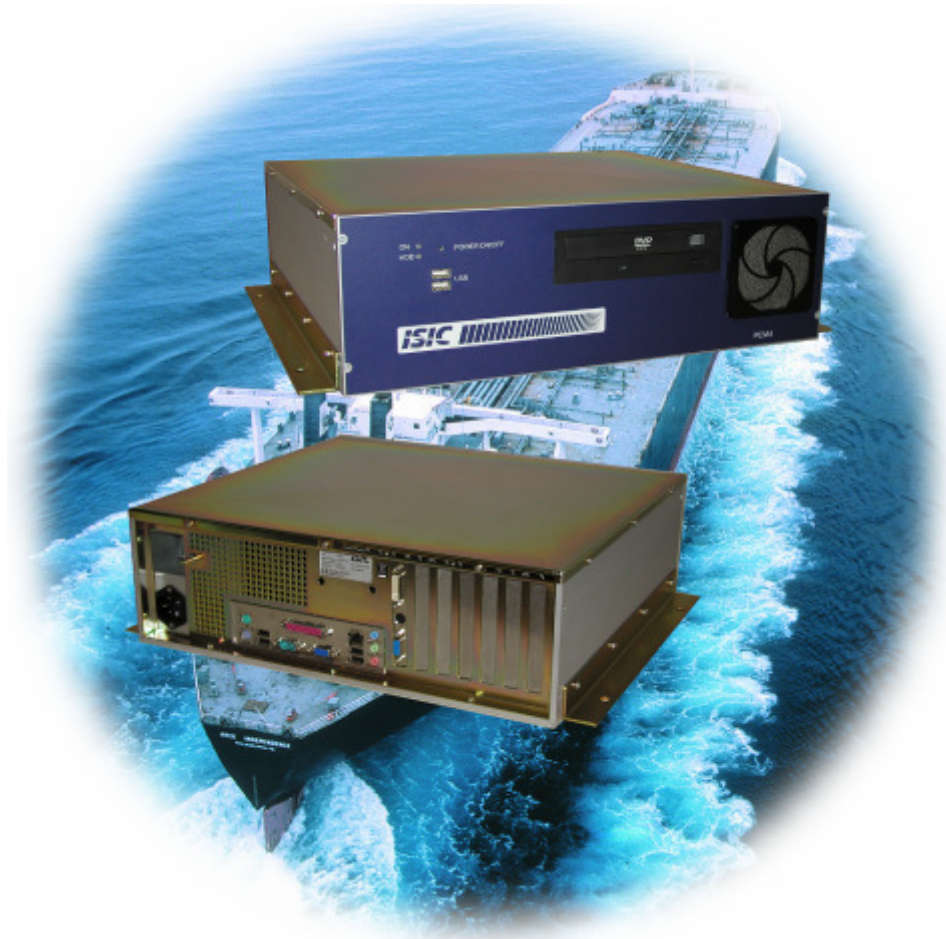


## PCM4-G43 - Marine PC



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

<b>CPU:</b>	<b>Intel® Core2Duo® 2,80 GHz</b> <i>Optional Intel® Core2Quad 2.66GHz</i>
<b>Chipset:</b>	<b>Intel® P43 Express</b> <i>Hyper-Threading and Core2Duo/Quad Technology support 800/1066/1333MHz FSB</i>
<b>Memory:</b>	<b>512 MB DDR2 RAM 800 MHz (Standard)</b> <b>Optional Upgrades</b> <i>4 DIMM sockets supporting up to a total of 8GB DDR2 800/1066 RAM</i>
<b>Video:</b>	<b>Radeon Sapphire HD 4350 512MB VGA+DVI-D (PCIe x16) graphics card</b> <i>DirectX 10.1 and OpenGL 2.0 compliant Dual independent display support</i>
<b>Audio:</b>	<b>5.1 surround sound H.D. audio onboard (Realtek ALC888VC audio codec)</b>
<b>Ethernet:</b>	<b>10/100/1000 Mbit/sec Ethernet (RJ45) – Intel 82567V onboard</b>
<b>Hard Disk Drive:</b>	<b>160+GB 2.5", SATA (Standard)</b> <b>Optional Upgrades</b> <i>Sizes up till 500GB, 24/7 rated disk, 2.5" SATA Solid State Disc 32GB</i>
<b>Optical Drive:</b>	<b>DVD-R/W Drive (SATA interface)</b> <i>12/16x DVD-R DUAL / DVD+R DUAL 20x DVD-R / DVD+R - 6/8x DVD-RW / DVD+RW</i>

### PCM4-G43 - Ports

<b>Video:</b>	<b>VGA+DVI-D out from graphics card</b>
<b>Audio:</b>	<b>3x 3.5mm jack socket (2-channel analog, 6-channel analog or 5.1 digital)</b>
<b>Keyboard &amp; Mouse:</b>	<b>2x PS2</b>
<b>Serial Ports:</b>	<b>1x RS-232 (internal header – may be routed to back)</b>
<b>Parallel Ports:</b>	<b>N/A</b>
<b>Ethernet:</b>	<b>1x RJ45</b>
<b>USB:</b>	<b>12x USB2.0 ports (6 from back, 4 internal header and 2 accessible from front)</b>
<b>Firewire:</b>	<b>2x IEEE (1394a) (1 internal and 1 external)</b>
<b>SATA:</b>	<b>6x (4 internally available)</b>
<b>Expansion Slots:</b>	<b>1x PCI Express x16, 3x PCI Express x1, 3x PCI</b>

### PCM4-G43 - Power

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

### PCM4-G43 - Environmental

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

### PCM4-G43 - Approvals

<b>CE Mark:</b>	<b>EN61000-6-2 &amp; EN61000-6-4</b>
<b>Marine:</b>	<b>IACS E10 rev. 5 &amp; IEC 60945 Ed. 4</b>

### PCM4-G43 - Dimensions

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