

PCM2-J19 Marine Computer



PCM2-J19 Marine Computer is designed for rugged industrial applications, and features:

- Wide temperature range
- Vibration resistance
- High reliability, less down time & service
- High degree of flexibility
- Easy to install
- Rigid mechanical design
- Low Power consumption
- Industrial motherboard - long availability
- Intel® Celeron® Processor J1900
- Up to 8GB DDR3L RAM
- Quad Gb LAN
- Cool operation thermal design
- DC PSU

Specifications PCM2-J19 Marine

General

CPU:	Intel® Celeron® Processor J1900, 2.42 GHz (4 Cores / 4 Threads)
Chipset:	Intel® processor Core, Graphics and Memory Controller in a single system-on-chip (SOC) solution
Memory:	1 x SODIMM sockets with 1x 4GB DDR3L 1600MHz mounted <i>Up to 8GB DDR3L SODIMM</i>
Hard Disk Drive:	80GB Intel® S3500 SSD SATA <i>Optional sizes available</i>
Video:	Intel® HD Graphics controller on-CPU <i>DirectX* 11 and OpenGL 4.0 compliant</i> <i>Dual Independent display capable</i>
External Video out:	1 x DVI-I video output connector
Ethernet:	4 x 10/100/1000 Mbits/s Ethernet LAN on-board, (RJ45) with auto-negotiate <i>2 x Intel and 2 x Realtek</i>
USB:	2 x USB 2.0 (max 0,5 Amp per USB, max 5 Watt total)
COM:	1 x RS232/422/485 (configurable)
OS:	Windows 7, Windows 8, Windows 10, Linux

Power

Standard:	18-34VDC Galvanic isolated <i>Optional Dual input DC power, Galvanic isolated</i>
Power Consumption:	$P_{typ} = 8 \text{ Watt}$, $P_{max} = 15 \text{ Watt}$

Environmental

Operating Temperature:	-15 to +55 °C
Storage Temperature:	-25 to +70 °C
Relative Humidity:	8 to 95 % (non-condensing)

Approvals

Marine:	IACS E10 Rev. 6 & IEC 60945 Ed. 4
Type Approvals:	Pending <i>For marine class approvals – see www.isic-systems.com</i>

Dimensions

Size:	213 mm (W) x 156 mm (H) x 58 mm (D)
Weight:	App. 1,5 kg.
Optional Bracket:	Desk/ceiling-and wall-bracket (VESA 75x75mm)