

PCM2 J1900 Marine Computer



PCM2 J1900 – Type Approved for Marine Applications

- IEC 60945 and IACS E10
- Designed for 24/7 usage
- Fixed build-state
- Low power consumption
- Fan-less operation
- Intel® Celeron® processor J1900
- Up to 8GB DDR3L RAM
- 4 independent GB LAN
- Dual redundant DC power input
- Output for external fan

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>
Solid State Drive:	128GB to 1TB 3D NAND TLC SSD SATA <i>128GB standard</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 (max 1920x1080@60Hz)
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 Dual Galvanic isolated
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:	MR Certificate <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:	Table Stand and Wall Mount (VESA 75x75mm)