



CE-BT-XX MXC-2300/DR

Key features

- 1x Display port and 1x DVI-I port for dual independent displays
- 5x USB and 2 GbE LAN ports with teaming
- 1x 2,5" onboard SATA II port with high speed SATA 6 Gb/s
- 4x serial ports
- 19-32V DC isolated power supply
- Optional onboard CAN and DIGIO
- Maritime approved

Featuring the Intel® Atom™ E3845 Bay Trail processor, the CE-BT-XX maritime computer excels with minimal power consumption, exceptional 3D graphics, and powerful media acceleration, delivering a leading improvement in performance and cost-efficiency over any previous generation Atom-based system.

Delivering high quality, durability and compact construction this maritime computer leverages a reliable fanless and cable free configuration, optimal thermal dissipation, Smart Embedded Management Agent (SEMA) tool, and easy installation for flexible and user-friendly system development and application implementation in harsh environments.

Technical specifications

System	
Processor	Intel® Atom™ E3845, 4 core, 1.91 GHz
Chipset	Intel® SOC Bay Trail
Memory	2x DDR3L SO-DIMM, up to 8GB memory

I/O interface	
Video	Dual independent display capability (Display Port + DVI-I) with full HD DP: resolution up to 2560x1600 DVI: resolution up to 1920x1200
Ethernet	2 Intel® GbE ports (Intel® WGI210IT) with teaming function and WOL
Serial ports	4 COM ports including 2 software-programmable RS-232/422/485
USB	5 external USB ports (1 USB 3.0 + 4 USB 2.0) + 1 internal USB 2.0
DIO	Integrated 16-CH DI and 16-CH DO with 1,5 KV isolation (optional)
CAN	Integrated dual-Port Isolated CAN (optional)
Audio	1 MIC-in and 1 Line-out
Expansion slots *	1 PCIe x8 and 2 PCIe x4 slots 1 MiniPCIe slot
	* DNV certificate includes Profibus interface, isolated COM-ports , onboard CANbus, DIGIO, and Intel Network Server Adapter.

Storage	
SATA	1 onboard SATA-II for 2.5" HDD/SSD installation, SATA 6Gb/s support
CF	1 type II CF socket Compact Flash socket

Power supply	
	Maximum 132 Watt

Mechanical	
	Dimensions: 162 (W) x 219 (D) x 210 (H) mm Weight: 3,5 kg Mounting: Wall-mount kit

Environmental	
	Operating temperature standard: -15°C to 55°C (tested to 70°C with SSD) Storage temperature standard: -40°C to 85°C

Certification	
	CE, FCC Class A, IACS E10, IEC-60945 and EU RO Mutual Recognition compliance Safety: UL/cUL, CB

Product	Model	Configuration
CE-BT-01	MXC-2300/M-3E3	Basic configuration
CE-BT-02	MXC-2300CD/M-3E3	As -01 but incl. onboard CAN & DIGIO

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