CAPTEC

MCS-424

MARINE CERTIFIED FANLESS COMPUTER

KEY BENEFITS

▼ **Fully certified for marine applications: IEC 60945, DNV 2.4 and IACS E10**

▼ **Suitable for bridge installations with silent, high reliability, fanless design**

▼ **Powerful Intel 4th gen Core i processors**

▼ **Versatile configurations with a wide range of interfaces and approved add in cards**

▼ **Compact, with various mounting options**

▼ **Wide temperature range**

Captec have introduced a versatile, powerful, fanless, IEC60945 certified computer for critical ship systems. The MCS-424 is ideal for navigation systems, including bridge consoles, positioning systems, ECDIS, ARPA and propulsion control. It is also perfect for machinery control & monitoring, alarms and fire & emergency systems.

Silent operation makes these ideal for bridge installations. Versatility is enhanced by a range of approved I/O and graphics cards which maintain certification.
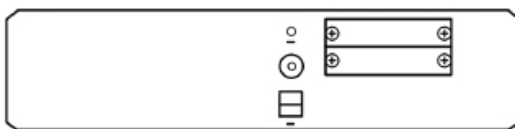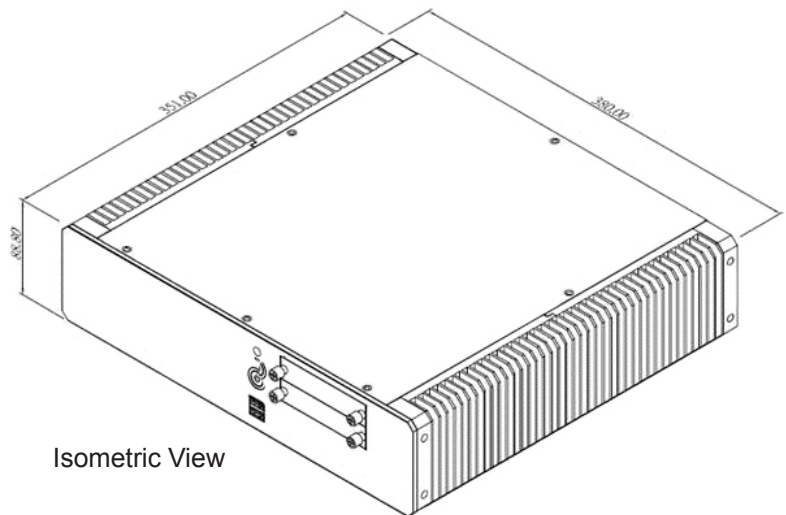
SPECIFICATIONS

MCS-424	IEC60945 Certified Marine Computer
CPU	Intel forth generation Core i3-4330TE, 2.4GHz i5-4590T, 2.3GHz i7-4770TE, 2.3GHz
Chipset	Q87
Memory	8GB DDR3 (Expandable to 32GB)
Disks	2.5" SATA SSD (Optional 24/7 wide temperature range HDD) (Optional Hot Swap Drawer)
Storage	120GB SSD (Optional 160GB/240GB SSD)
Graphics	Integrated in processor, 3 independent displays (Optional Dual/Quad graphics cards)
Expansion	3 x full length, half height slots: 1 x PCIe x16, 1 x PCIe x4, 1 x PCIe x1, 1x mini PCIe Slot
LAN	2 x Gigabit LAN Ports (Optional Single/Dual Ethernet Cards)
I/O	4 x USB 3.0, 4 x USB 2.0
Optional I/O	3 x RS232 1 x RS232/422/485 4 x Isolated RS-232/422/485/NMEA Card 8 x Isolated RS-232/422/485/NMEA Card
Audio	Onboard 7W Audio Amplifier Kit
Operating System	Windows 7/8, Optional Linux

Enix-2087	IEC60945 Certified Marine Computer
PSU	Isolated 24VDC Optional AC Adapter
Input Voltage	9-36VDC
Width/Mounting	Wall/Desktop Mounting (Optional Rack Mounting Kit)
Dimensions	380mm W, 88mm H, 350mm D
Weight	7.5kg
Construction	Aluminium Alloy Chassis with Heat Pipe Cooling
Operating Temp.	-15°C to 55°C
Storage Temp.	-20°C to 70°C
Certification	IEC60945, DNV 2.4, IACS E10, CE
Ordering Information	**MCS-424-i3** Marine Computer with i3-4330TE, 2.4 GHz Processor **MCS-424-i5** Marine Computer with i5-4590T, 2 GHz Processor **MCS-424-i7** Marine Computer with i7-4770TE, 2.3 GHz processor
Optional Accessories	Dual VGA/DVI Graphics Card Quad VGA/DVI Graphics Card 4 x Isolated RS232/422/485/NMEA Card 8 x Isolated RS232/422/485/NMEA Card Single Ethernet Card Dual Ethernet Card 7W Audio Amplifier Kit 19" Rack Mounting Kit Dual 2.5" SATA Hot Swap Drawer, RAID supported

TECHNICAL DETAILS

Front View

Isometric View

E&OE. Captec reserves the right to change specifications without notice.

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