

## Newport Marine CPU, Starting at \$2,199 Core i Mil Spec Main Board, Expandable, Aluminum Chassis!

### Newport Marine CPU



### Newport Series Marine Processor

Argonaut's newest, most powerful marine CPU, the Newport is no ordinary processor. The state of the art main circuit board utilizes military class componentry for enhanced performance, stability and life expectancy over common computer systems.

Core i processing power and five available expansion slots make Newport the ideal central processing unit for a wide variety of vessel communications and custom applications.

The rugged aluminum chassis and outer case are mounted within our proprietary shock/vibration protection bracket for reliable operation in extreme conditions. Internal components are also treated for corrosion resistance to further enhance long term system reliability.

Argonaut's Newport CPU combines high end desktop processing power with the reliability and protection demanded for the tough marine environment!

- **Military Class Main Circuit Board**
- **Powerful Intel Core i CPU**
- **Multiple Expansion Slots**
- **Aluminum Case & Internal Chassis**
- **Corrosion Resistant electronics**
- **Shock/Vibration Isolation Mount**

# Specifications

## Rugged Features

Mount	Twin-Isolation Powder Coated aluminum shock mount
Electronics	Military class / Corrosion Resistant Internal Electronics
Environment	<b>MTBF:</b> 40,000 hrs <b>Operating Temperature:</b> 0 ~ 50°C (32 ~ 122°F) <b>Storage Temperature:</b> -30 ~ 60°C (-22 ~ 140°F) <b>Relative Humidity:</b> 90% RH (45°C non-Condensing) <b>Operating Vibration:</b> 0.5Grms, Random, 10~500Hz, X,Y,Z 3Axes, 0.5hr/Axis <b>Non-Operating Vibration:</b> 2Grms, random, 10~300Hz, X,Y,Z 3Axes, 1 hr/Axis <b>Operating Shock:</b> 8G, Half sine, 11 ms duration <b>Non-Operating Shock:</b> 50G, Half sine, 11 ms duration

## System

Processor	Support Intel Core i3, i5, i7 mobile processor Sandy Bridge
Chipset	Intel® H67 (B3) Chipset
Memory	DDR3 x 4 <b>Max memory:</b> 32G (based on 64bit OS support)
Storage	5.25" DVDRW ODD Bay x 1 / 3.5" SATA II HDD Bay x 3
Size WxHxD (Inch) / (mm)	17.50(W) x 6.02(H) x 12.79(D)inch / 444.5(W) x 153(H) x 325(D)
Weight (Kg / Pound)	6.75kg / 14.88 pound (N.W.)
Weight with Mount	8.78kg / 19.36 pound (N.W.)

## I/O Ports

DVI-Port	x 1 Intel® H67 (B3) Chipset
VGA Port	x 1 Intel® H67 (B3) Chipset
HDMI Port	x 1
Audio	x 1 Realtek® ALC892 1 x 6 in 1 audio jack 1 x Optical SPDIF
LAN (RJ-45)	x 1 Realtek® 8111E 10/100/1000
USB 2.0	x 4 Intel® H67 (B3) Chipset Rear
Legacy Serial (COM) Port RS232	x 1

## General

Power Supply	500W 90-132V/180-264V (Selectable)
Input Voltage	10 A 115Vac / 6 A 230Vac (DC-DC Converter Optional)
Supported OS	Windows XP PRO, Windows 7 PRO
Certifications	CE, FCC, UL, CB
Options	11-16 V, 11 -32V DC-DC Converters, Solid State Memory, WIFI 802.11g, Enhanced Graphics, DVI/VGA/Composite Capture, DC-DC Converter

Specifications and pictures are subject to change without notice.  
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