

# MERLIN-MX4™

*Compact, Powerful, Shock Mounted!*



- **Amazingly Small for Installation Ease.**
- **High Performance Pentium4 CPU.**
- **Twin-Iso Anodized Aluminum Shock Mount.**
- **Corrosion Resistant Internal Electronics.**
- **Multiple Ports for Connectivity.**
- **Auto Power-on for Remote Mounting.**

## *Multiple Connections*



The marine grade Merlin mini computer easily handles all powerful software applications such as charting with GPS interface, radar overlay, sounder and any other CPU hungry Windows application. Integrated audio, video, DVD and PCMCIA slot allow Merlin to double as your onboard entertainment and wireless internet appliance. At only 6.2" x 7.8" x 2.5", Merlin installs practically anywhere! Rugged features include Argonaut's exclusive anodized aluminum twin-iso shock mount, high shock rated drive and corrosion resistant internal electronics. The convenient auto power-on (11-32 Volt or AC) feature permits power switch from a remote panel rather than a traditional and often hard to reach on/off switch. Field proven with years of reliable service in marine, industrial, aviation and military installations worldwide.

# Argonaut® Merlin-MX4™ Specifications

## Rugged Features

Mount	Twin-Iso anodized aluminum shock mount.
Electronics	Corrosion resistant internal electronics

## System

Processor	Intel® Pentium 4 up to 2.8GHz Supports Intel® socket 478pin System bus frequency at 400/533MHz
OS	Microsoft® Windows® XP Professional Edition
Chipset	SIS651 Integrated VGA North Bridge
Display	Optional Tflex Marine sunlight readable LCD monitors
Video Controller	<ul style="list-style-type: none"><li>• AGP 2.0 compliant (4x)</li><li>• One 15pin mini D-sub VGA connector</li><li>• Max. 64MB (shared memory), supports up to 1600x1200 resolution at 24bits per pixel (16.7 millions of colors)</li></ul>
Memory	Two DDR266 SODIMM slot for 128/256/512/1024MB (Max 1GB)
Floppy Disk Drive	Option: External USB 3½" format, 720KB/1.44MB/1.2MB (3 modes)
Hard Disk Drive	2.5" 12.5mm high IDE Hard Disk Drive, 40/60/80GB
Media Drive	One ATAPI-IDE interface high speed int. CD-ROM, DVD-ROM, CD-RW, or DVD-Combo
Audio	Built-in Sound Built-in Speaker
PCMCIA	One Built-in PCMCIA Type II socket Supports any combination of 16-bit (Card-16) and Card Bus (Card-32) PC Cards
Keyboard	Mini-keyboard
Pointing Device	3-D PS/2 mouse
Communication	Integrated 56Kbps v.90 Fax/Modem (RJ11)
LAN	One integrated 10/100 Mbps Ethernet One integrated 10/100/1000 Mbps Ethernet
Electrical	Remote power-on capability Optional 11~32V DC/DC converter
AC Adapter	Input: 110 230V AC50/60Hz, Output: 20V, 3A, 60W
I/O Ports	One SPDIF port One Earphone port One TV-out port (1024x768, S & AV) One 3.5mm Microphone-in port One 3.5mm Line-out port One 3.5mm Line-in port Four USB ports (Front x 2-USB2.0; Rear x 2-USB2.0) One 9pin Serial port (RS232) One 25pin Parallel port (EPP/ECP) One 6pin PS/2 Mouse port One 6pin PS/2 Keyboard port Two Firewire ports (1394; 400Mbps) One LAN port (RJ45) One GigaLAN port (RJ45) One Fax/Modem port (RJ11)
Dimensions	6.33" W (add 1.5" for mounting base) x 7.79" D x 2.44" H
Weight	4lbs
Environment	Operating Temperature: 5°C~35°C Operating Humidity: 20%~80% Storage Temperature: 20°C~60°C
EMI/Safety	CE, FCC, VCCI, BSMI, CB, TUV & UL
OS Certification	Windows® XP Professional

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