



Mini Marine Computers

Superb mini solution for all range of application from small pleasure craft to super yachts, professional fishing boats, workboats, ferries and anyone who need the best.

Robust, small and reliable

Locomarine™ computers are made from specially developed industrial motherboard prepared for operating in harsh marine environment. Protected with patented Locomarine™ NZBN™ protection, these computers will withstand high humidity and salinity environment and specially developed shock and vibration absorbers will protect hard disks even under most violent sea conditions. Locomarine™ mini marine computers are equipped with Secure Cable Management™ system against accidental cable disconnections. With size of only 22x22x9 cm, Locomarine™ mini computers are probably the smallest marine computers on the market today.

High performance and low power consumption

Locomarine computers are based on Intel DesktopCore 2 family (*Duo, Extreme, Quad*) high performance, Intel Mobile (*Core 2 Duo/Solo & Pentium*) high performance and low power consumption processors and Intel Atom ultra low power consumption processors..

Expandability and connectivity

All Locomarine™ mini marine computers are equipped with multiple communication (*COM, USB, LAN, DIO*) and other ports for maximum connectivity. Under special request, Locomarine mini computers can be equipped with extra PCI or PCIe16 cards (*depend on the model*).



SecureCable Management™ system against accidental cable disconnection.



Robust enclosure and multiple connectors for maximum connectivity.

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Specifications

Series 6500v2 (Ultimate performance)

Processor: Intel® Core™2 Duo
CPU Socket: LGA 775 **FSB:** 800/1066/1333 MHz
Memory: 2 x 240-pin dual channel DDRII 667 / 800 MHz up to 4 GB
Chipset: Intel® G45
Ethernet: Single Intel® 82567LF GbE controller
I/O ports: 1 DVI, 1 HDMI, 10 USB, 1 RJ-45 LAN, 1 PS2 mouse/keyboard, 1 COM (RS232), 1 eSATA, 1 OD line out, 2x3 Audio (double stream, line in/out/mic)
Video: Intel® GMA X4500HD
Audio: 7.1 HD audio IDT 92HD73ET
Power supply: integrated Smart PSU 6-30 V (automatic off, remote on/off)

Series 4500v2 (Integrated dual display, high performance)

Processor: Intel® Core™2 Duo, Core™ Duo, Core™ Solo
CPU Socket: 479 (M) **FSB:** 533/667 MHz
Memory: 2 x 240-pin dual channel DDRII 400 / 533 / 667 MHz up to 4 GB
Chipset: Intel® 945GM + ICH7M
Ethernet: Dual Broadcom BCM5787M PCIe GbE controller
I/O ports: 1 VGA + 1 DVI, 8 USB, 2 RJ-45 LAN, 1 PS2 mouse/keyboard, 4 COM (3xRS232, 1xRS232/422/485), 2 Audio (line in/out)
Expansion slots: 1 mini PCI
Super I/O: ITE8712 **Digital I/O:** 8-bit digital I/O, 4-bit input/4-bit output
Video: Intel® 945GM
Audio: Realtek ALC655 with AC'97 codec
WLAN: Airlive WT-2000PCI, Turbo G, 125Mbps 802.11g + 2,4 GB 5dBi antenna
Power supply: integrated Smart PSU 6-24 V (automatic off, remote on/off)

Series 3000 (Multiple connectivity)

Processor: Intel® Pentium™M
CPU Socket: 479 (M) **FSB:** 400/533 MHz
Memory: 2 x 200-pin dual channel DDRII 400 / 533 MHz SO-DIMM up to 2 GB
Chipset: Intel® 915GM + ICH6M
Ethernet: Quad Broadcom BCM5787M PCIe GbE controller
I/O ports: 1 VGA, 8 USB, 4 RJ-45 LAN, HDTV-out, 6 COM (4xRS232, 2xRS232/422/485), 1 PS2 mouse/keyboard, 2 Audio (line in/out)
Super I/O: ITE8712 **Digital I/O:** 24-bit digital I/O, 12-bit input/ 12-bit output
Video: VGA Integrated in Intel® 915GM
Audio: Realtek ALC655 with AC'97 codec
Power supply: integrated Smart PSU 6-24 V (automatic off, remote on/off)

Series 1000v2 (Ultra low power consumption, low price solution)

Processor (embedded): Intel® Atom® 330
Memory: 1 x 240-pin dual channel DDRII up to 2 GB
Chipset: Intel® 945GC + ICH7
Ethernet: Single Intel® GbE controller
I/O ports: 1 VGA, 8 USB, 1 RJ-45 LAN, 1 COM (RS232), 1 LPT, S-video, 1 PS2 mouse/keyboard, 3 Audio (line in/out/mic)
Video: Intel® 950GMA
Audio: Realtek ALC662 (5.1 channel Surround)
Power supply: integrated Smart PSU 6-24 V (automatic off, remote on/off)

All models (EXCEPT IF OTHER NOTED)

Drive bays: 2x 2.5" HDD (SATA/IDE)
Watchdog Timer: Software Programmable supports 1~255 sec. System reset
Construction material: Anodized aluminum
Shock: 10G acceleration peak to peak (11ms)
Vibration: -5 ~ 17Hz 0.1" double amplitude displacement / -17 ~ 640 Hz 1.5G acceleration peak to peak
Operating environment: 0 ~ +50 °C, 95% relative humidity
Storage environment: -10 ~ +60 °C, 95% relative humidity
Dimension: 220x225x90 mm
Warranty: two years (limited)

Discontinued models (AVAILABLE ON REQUEST WITH LEAD TIME 30+ DAYS)

Series 6500: Intel® Core™2 Extreme, Core™2 Quad, Core™2 Duo (LGA 775) / Chipset: Intel® Q965 Quad Broadcom PCIe GbE controller / 4 COM (4xRS232) / integrated Smart PSU 6-30 V (automatic off, remote on/off)
Series 4000: Intel® Core™2 Duo, Core™ Duo, Core™ Solo (479 M) / Chipset: Intel® 945GM / 4 COM (3xRS232, 1xRS232/422/485) / HDTV-out / Audio: Realtek AL883 7.1 channel HD interface with 2 streams audio support / WLAN: Realtek 8185L A/B/G + 2,4 GB 5dB omni directional mini antenna / integrated Smart PSU 6-24 V (automatic off, remote on/off)
Series 2000: Intel® Pentium® M (479 M) / Chipset: SiS 661CX + SiS 964 / 6 COM (5xRS232, 1xRS232/422/485) / integrated Smart PSU 6-24 V (automatic off, remote on/off)
Series 1000: AMD® LX800 (embedded) / Chipset: AMD® LX800 + CS5536 / 6 COM (5xRS232, 1xRS232/422/485) / integrated Smart PSU 6-24 V (automatic off, remote on/off)



Specially developed antivibration shock absorbing mount will protect hard disks even under most violent sea conditions.