RANGER 1500T/XL™

*Sunlight Readable,
Marine Certified!*

Legendary Durability, High Performance!
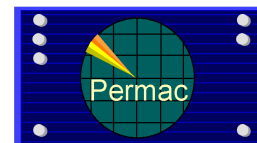
- **Brilliant, Sunlight Readable, 15" High Resolution Tflex™ LCD.**

- **Tested and Certified to Meet International Maritime Organization (IMO) Standard IEC/EN60945 for Commercial & Naval Bridge Installations.**

- **World's First American Bureau of Shipping (ABS) PDA Certified Marine Laptop Computer.**

- **Spill Proof Keyboard and Corrosion Protected Electronics.**

- **Premium High Performance Components and Technology.**

Onboard laptops have become a necessity on both commercial and recreational vessels worldwide. Military, Public Service, and Industrial users also demand high performance computers that can withstand a tough environment. Argonaut, the oldest established name in marine computers, now brings you the world's first officially certified marine laptop! The all new Ranger 1500T/TXL meets or exceeds strict military, naval and commercial marine standards, including IEC/EN60945, American Bureau of Shipping (ABS) Product Design Assessment (PDA) approval and military specification 810E shock/vibe/drop specs. Such standards certify, for example, that Ranger 1500 will not electrically interfere with sensitive instruments found on the bridge of commercial or naval vessels (ABS PDA). High resolution (XGA) 15" Tflex LCD gives you legendary sunlight readability in all light conditions. The use of exotic materials such as magnesium alloy chassis, electromagnetic interference (EMI) shielding foils, NASA born optical filter technology, industrial corrosion inhibitors, and vibration absorbing polymers contribute to this machine's elite status. Argonaut Ranger 1500, certified and built for professionals that demand safety, durability, performance and value.

ARGONAUT® ❋**Tflex**™

Argonaut® Ranger 1500T/XL™ Specifications

Marine Certifications

American Bureau of Shipping (ABS)	Product Design Assessment (PDA) certified.
International Maritime Organization (IMO)	IEC/EN60945 certified.

Rugged Features

Case	Magnesium alloy top & bottom case - 20 times stronger than plastic, offering higher survival rate after drops and bumps. Added protection to critical components (i.e. CPU, RAM, HDD and ODD).
LCD/HDD protection	Rubber protection surrounding LCD & HDD area (added protection against vibration).
Drop	26 drops of 29 inches to plywood over concrete with unit off and display closed. 5 units to pass Mil Std 810F, Method 516.4, Procedure IV, Height Modified.
Vibration	Mil Std 810F, Method 514.4, Procedure I, Category 10, Fig 15 & 17/ASTM 4169, Truck Transport, 11.5.2 Random test, Assurance Level II.
Spill resistant keyboard	Spill-resistant C-face (including keyboard, touchpad, speakers, LED). Removable polymer molded membrane cover shields from moisture, chemicals and dust.

System

Processor	Intel® Dothan 730 (1.6GHz) and higher, FSB 533MHz, 2MB L2 Cache
OS	Microsoft® Windowns® XP Professional Edition
Chipset	North Bridge Intel® 915GM
Display	15.1" TFT Sunlight Readable Transflective LCD with XGA resolution (1024x768)
Video Controller	Integrated in core logic GMA900 • AGP 16X equivalent hardware 2D/3D video graphic accelerators • High performance 128-bit 3D engine • 128 double-words hardware command queue • System shared memory up to 224MB • Intel® Dynamic Video Memory Technology 3.0
Memory	Two DDR333 SODIMM slots each for 256/512/1024MB (Max 2048MB)
System BIOS	AMI Note BIOS • Including System BIOS, VGA, PM, PnP • 512MB (4M bits) flash EEPROM • Support shadow RAM BIOS feature • Support Boot Block feature • Support APM 1.2.DMI 2.0, SMBIOS2.3, ACPI2.0, USB2.0, CDROM boot, USB-FDD, Boot from LAN
Floppy Disk Drive	Option: External USB 3½" format, 720KB/1.44MB/1.2MB (3 modes)
Hard Disk Drive	2.5" 9.5mm high Hard Disk Drive, 40/60/80GB PATA 100 or SATA 150 • Anti shock mounted HDD (Safety of Vibration & Transportation)
Media Drive	One optical media device choice of: 5.27"/12.7mm DVD-R/CD-RW/DVD-RW/DVD+RW (DVD Dual) 5.25"/12.7mm DVD/CD-RW (Combo)
Audio	Embedded PCI Bus 16-bit input and 20-bit output • Compliant with AC-97 ver.2.3 • Hardware Volume Control • Built-in microphone for voice recognition • Two 1W speakers
PCMCIA	PCMCIA 2.1 compliance, support one Type II PC card slot, 32-bit PC Card Bus 1.0 architecture
Pointing Device	Built-in touch pad with two buttons & support right/left and roller
Battery	Standard: 6-cell 2200mAh Li-Ion battery 352P 11.1V 48W (3-5 hrs) Optional: 9-cell 2200mAh Li-Ion battery 353P 11.1V 73.3W (5-7 hrs) Battery life will vary depending on actual use factors.
Communication	Integrated 56Kbps v.90 Fax/Modem
LAN/Wireless LAN	Integrated 10/100/1000Mbps Ethernet/Internal Mini PCI Interface/wireless 802.11b/g
AC Adapter	Input: 100 240V AC50/60Hz, Output: 20V, 3A, 60W
I/O Ports	Three USB connectors (USB2.0) One PCMCIA type II card socket One 15 pins D-sub connector for external monitor One Mini-jack for external speaker One Mini-jack for external microphone One RJ-11 jack for internal 56Kbps V.90 modem One RJ-45 jack for internal 10/100/1000M bit Ethernet LAN One S-Video port for TV set One SPDIF jack One IEEE 1394 port One 9 pins D-sub connector for RS232 serial port One DC-in jack
Dimension & Weight	12.99" (330mm)W x 10.83" (275mm)D x 1.57" (40mm)H; 6.6lbs w/6-cell battery, 6.82lbs w/9-cell battery
Environment	Operating Temperature: -5°C~55°C Storage Temperature: -20°C~60°C Operating Humidity: 20%~95%
EMI/Safety	US/Canada: FCC, CUL, EU, CE

- The specifications and pictures are subject to change without notice.
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