

BARRACUDA Lite 19"

flat panel workstation

- maritime applications
- Intel® Core™ 2 Duo 2.2Ghz processor
- ruggedized resistive or capacitive touch screen
- 19" 1280 x 1024 sunlight-viewable display
- sealed to IP54 front & IP52 rear
- LED backlit display
- front panel user controls
- ac and dc power options



The **Barracuda Lite 19"** is a new addition to the Azonix product family. The product was developed using the latest Intel® Core™ 2 Duo to maintain processor efficiency with ever more complex applications and a 19" touch screen display to provide for the increasing amount of user controlled data and monitoring functions.

The **Barracuda Lite** has a consolidated bottom-accessed I/O, resistive-touch display, AC and DC operation and a sunlight viewable display. **The 19" display is LED backlit** reducing power consumption and internal voltage requirements. In addition, the processor speed has been upgraded to an Intel® Core™ 2 Duo: 2.20GHz (Intel® T7500) and supports a user accessible CF card slot behind an environmentally sealed door. **The unit is sealed to IP54 front and IP52 rear** meeting the operating rigors of **maritime applications**.

BARRACUDA APPLICATIONS

The Barracuda Lite 19" can be used for displaying and interfacing applications on all ship classes.

- Navigation
- Ship Information Systems
- Machinery Control Systems
- Sensor Systems
- Propulsion Monitoring



SPECIFICATION

DISPLAY FEATURES

Display

19-inch, viewable TFT color LCD

Resolution

SXGA (1280 x 1024)

Viewing Angle

±45° Horizontal & Vertical

Luminance

400 cd/m²

Contrast Ratio

500:1

Touch Screen

Ruggedized Resistive or capacitive

COMPUTER FEATURES

Processor

Intel® Core™ 2 Duo Processor

Chipset

Intel® GM965

RAM

2 GB DDR (Expandable to 4GB)

Hard Drive

8 – 32 GB Compact Flash

Graphics

GMA X3100 Graphics Engine

Ethernet

2 x RJ45 port for 10/100/1G

Serial Port

RS232

USB

2 x USB 2.0

Video

VGA

Power Switch

Front: Graceful Shutdown

PHYSICAL

Dimensions

17.3" W x 15.5" H x 4.4" D

Weight

20.5 lbs

Power Consumption

75 Watts max.

Input Power

AC: 90-264VAC or DC: 12 – 36VDC

Mounting

Interchangeable

Enclosure Sealing

IP54 - front panel

IP52 - rear panel

Connectors

Rear Mounted Industrial

Enclosure

Aluminum Alloy w/ Polyester Coating

ENVIRONMENTAL CONDITIONS

Temperature range

Operating 0°C to 50°C

Storage -20°C to 60°C

Vibration (OP)

2-13Hz Displacement = ± 1.5mm 3 axis; 13-100Hz @ 1G

Vibration (ST)

MIL-STD 810F - Method 514

Shock (OP)

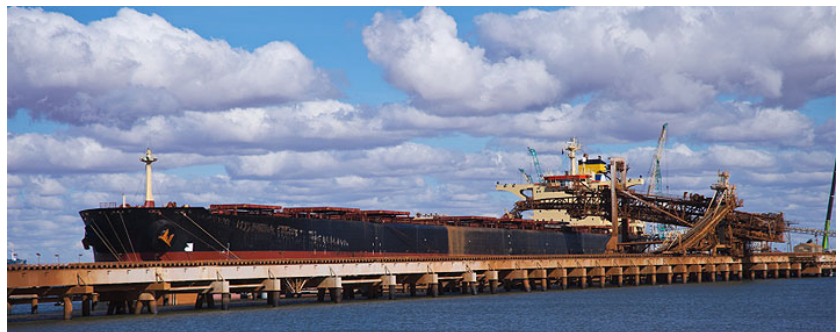
10G 11msec pulse, 3 axis

Shock (ST)

40G 11msec, 3 axis



Intelligent connectivity with Intel Inside®.



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