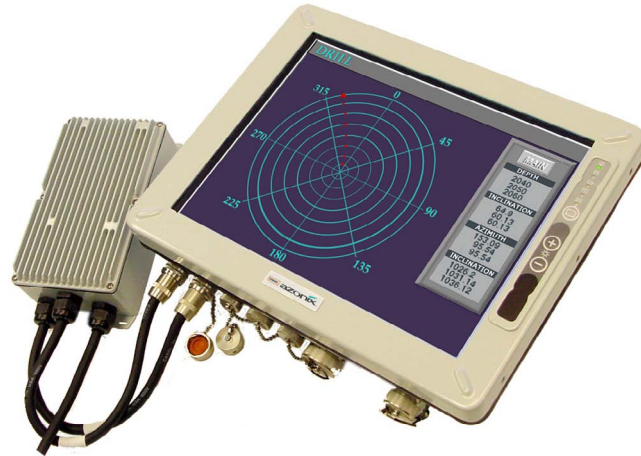


BARRACUDA

rugged Zone 2 workstation - Ex certified

- Intel™ Core 2 Duo 2.2GHz processor
- CSA: Class 1 Zone 2 / ATEX: Zone 2
- 15 inch, sunlight-readable display
- IP56 system
- Redundant communication ports
- Front panel button to disable touch-screen
- Optional built-in high gain, wireless LAN
- Optional low temp heater



The Azonix Barracuda solves the industry's need for workstations and display products that are both rugged and mobile enough to operate in extreme conditions. Many rugged mobile computers have failed under the same harsh conditions that the Barracuda is design to thrive in.

Workstations and displays used in the oil and gas industry need to be transportable and flexible to mount in a variety of ways. With the Barracuda, customers have the versatility to configure and mount an array of displays close together, providing access to multiple sources of information at one time.

The Barracuda can be utilized in rig floor applications such as MWD / LWD, mudlogging or well stimulation in oil and gas operations. where a display or workstation must be able to withstand harsh shock and vibration and other rugged environmental factors. The system's small footprint and VESA hole pattern allows for easy mounting in space-constrained work areas, making

it equally suitable for use in automation environments where a standalone system must be mountable to various surfaces, from a standard pedestal to a boom, pole or custom panel mounting.

The Barracuda is available in several configurations, depending on industry and specific application requirements. The Azonix Barracuda offers a full military hardened MIL-STD 810F and IP65 compliant sunlight-viewable touch-screen display. The Barracuda incorporates an Intel® Pentium™ M processor workstation that offers a removable hard drive or compact flash storage. An optional Core 2 Duo processor is also available for increased processing power requirements.

The Barracuda is a portable, rugged controller /monitor that can be transported from site to site or easily mounted in permanent locations. The wireless option provides high security, high speed communications for fast rig-up /rig-down in difficult installation locations, eliminating cable cost and labour.

BARRACUDA APPLICATIONS

The Barracuda design pushes computing further into the realm of point-of attack applications for operations in hazardous areas including:

- Mudlogging
- Measurement/Logging while drilling (MWD/LWD)
- Coil tubing
- Cementing
- Production platforms
- Gas compression stations
- Harsh industrial environments
- Machine Automation
- Tool pusher, doghouse slave

SPECIFICATION

ELECTRICAL

Display / Resolution

15-inch TFT, 1024 x 768

Brightness

Sunlight-viewable

Touch Screen

Resistive-Touch: Anti-glare

CPU

Intel® Core 2 Duo 2.2GHz

Memory

1GB to 4GB

Storage

Compact Flash 1GB to 64GB or 80GB HDD

Connectivity

1 x USB, 1 x 10/100 LAN, 1 x combo PS/2, 1 x COM, 1 x VGA

Power Supply

100-240 VAC, 47-63 Hz; detachable

Enclosure Rating

Full IP56

Shock

10G, 11 ms pulse with 3 axis

Vibration

2-13Hz Displacement = $\pm 1.5\text{mm}$ 3 axis

13-100Hz Acceleration = $\pm 10 \text{ m/sec}^2$ (1g) 3 axis

EMI & Safety

FCC/CE Class A CSA Class 1 Zone 2 ATEX: Zone 2

Temperature

Operating: 0°C to 50°C

Storage: -20°C to +70°C

Housing

Aluminum sheet metal / heat sink hybrid

Mounting

- Rear VESA 75 and 100 mounting
- Side Yoke Mounting points / sunshade kit
- Panel Mount kit,
- Hanger mounting kit

Dimensions

11.75 x 15 x 4 inches

Weight (w/o mount, PSU or sunshade)

Approx. 16lbs

Optional (available on certain models, check with factory)

- Wireless LAN
- -40°C Low temp
- Horn and Driver Kit
- Win XP Embedded



Intelligent connectivity with Intel Inside®.

The given data is only intended as a product description and should not be regarded as a legal warranty of properties or guarantee. In the interest of further technical developments, we reserve the right to make design changes.



Azonix Business Center • 8601 Jameel Road, Houston, TX 77040 USA
Tel: 866.929.6649 • Fax: 281.921.8207 • Email: sales@azonix.com

BARAEx 071812 r1