

# BARRACUDA

## Rugged Zone 2 Workstation

CRANE

azonix

### Features

- Intel Celeron 2.0GHz Processor or Optional, Intel Core 2 Duo 2.2GHz
- 15 inch sunlight-viewable display
- CSA: Class 1 Zone 2 / ATEX: Zone 2
- Competitively priced
- Totally sealed 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 IP56 compliant sunlight-viewable touch-screen display. The Barracuda incorporates an Intel® Celeron 2.0 GHz processor workstation that offers a removable hard drive or compact flash storage. An optional Core 2 Duo processor is also available for increased processor power requirements.

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**Hazardous Area Certified**



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### BARRACUDA APPLICATIONS

The Barracuda design pushes computing further into the realm of point-of attack applications for operations in hazardous areas at a competitive price.

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



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 labor.

### Barracuda Specifications 15" Work Station

<b>Display / Resolution</b>	15-inch TFT, 1024 x 768	
<b>Brightness</b>	High contrast edge lit LCD	
<b>Touch Screen</b>	Resistive-Touch: Anti-glare; Touch disable button	
<b>Intel® Processor</b>	<b>Standard Configuration:</b> Celeron™ Mobile 2.0GHz or <b>Optional:</b> Core 2 Duo™ 2.2GHz	
<b>Memory</b>	1GB default or upgrade to 4GB	
<b>Removable Storage</b>	Compact Flash or optional 2.5-inch HDD/SSD, default 1GB Compact Flash	
<b>Connectivity</b>	1 x USB, 1 x 10/100 LAN, 1 x combo PS/2, 1 x Serial Port RS-232, 1 x VGA	
<b>Power Supply</b>	100-240 VAC, 47-63 Hz; detachable	
<b>Enclosure Rating</b>	IP56	
<b>Shock</b>	<b>Operational:</b> 10G, 11 ms, half sine, with 3 axis bidirectional <b>Storage:</b> 40G, 11 ms, half sine, 3 axis bidirectional	
<b>Vibration</b>	<b>Operational:</b> 2-13Hz Dispmpt = +/- 1.5mm 3 axis, 13-100Hz Accel. = +/- 10 m/sec <sup>2</sup> (1g) 3 axis <b>Storage:</b> MIL-STD 810F method 514 proc I fig: 514.5C-17, approx 3Grms, 3 axis	
<b>EMI &amp; Safety</b>	FCC/CE Class A CSA Class 1 Zone 2 ATEX: Zone 2	
<b>Temperature Options</b> Extended Low Temperature	<b>Operational:</b> 0°C to 50°C; <b>Storage</b> -20°C to +60°C <b>Operational:</b> -40°C to 50°C; <b>Storage</b> -20°C to +60°C	
<b>Housing</b>	Aluminum sheet metal / heat sink hybrid	
<b>Mounting</b>	Rear VESA 75 and 100 mounting points Side Yoke Mounting points / sunshade kit, Panel Mount kit, Hanger mounting kit	
<b>Dimensions</b>	11.75 x 15 x 4 inches	
<b>Weight (w/o mount &amp; PS)</b>	16lbs (without PSU or sunshade)	
<b>Optional</b>	Wireless LAN -40° C Low temp Horn and Driver Kit Win XP Embedded	Second USB 2.0 Port Hanger Mount Assembly Visor and Yoke Assembly Panel Mount Assembly



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