



## AZONIX Barracuda 15" WS Rugged Zone 2 Workstation - Ex Certified

- New Intel® Core™ i7 2.5GHz processor
- New 15 inch, sunlight-readable display
- New glass base projected capacitive touchscreen
- New wide temperature range -40°C to +60°C
- New built-in high gain 802.11n wireless LAN
- IECEx C122 / ATEX Zone 2 rated/ AEx approvals



The Azonix Barracuda 15" WS solves the industry's need for a high performance computing platform that is both rugged and mobile enough to operate in extreme conditions. Many rugged mobile computers have failed under the same harsh conditions that the Azonix Barracuda is designed 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 Azonix Barracuda, customers have the versatility to configure and mount an array of units close together, providing access to multiple sources of information at one time.

The Azonix Barracuda 15" WS 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 meet hazardous area certification. 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 machine 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 Azonix 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 IP66

compliant sunlight-readable touch-screen display. The Azonix Barracuda incorporates an Intel® Core™ i7 processor workstation that offers a removable SSD or compact flash storage and runs Microsoft Windows 7 operating system.

The Azonix Barracuda is a portable, rugged controller/monitor that can be transported from site to site or easily mounted in permanent locations. The power, wireless and I/O signals connectivity are via connectors and not glands for fast rig-up/rig-down in difficult installation locations, eliminating cable cost and labor. This system allows the user to display real time data in the harsh environment of the process being monitored and make adjustments to it locally.

### AZONIX BARRACUDA APPLICATIONS

The Azonix 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
- Rig Instrumentation

**Crouse-Hinds**  
by **Eaton**

**Azonix Corporation**  
Eaton Experience Center  
3413 North Sam Houston Parkway West  
Suite 200  
Houston TX 77086, USA  
Azonix Business Center Toll Free: +1-800-835-7075  
www.azonix.com

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# AZONIX Barracuda 15" WS

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## SPECIFICATIONS

<b>Display / Resolution:</b>	15-inch TFT, 1024 x 768
<b>Brightness:</b>	LED backlight - Sunlight-readable
<b>Touch Screen:</b>	Resistive-Touch Optional: Projected Capacitive touch
<b>CPU:</b>	Intel® Mobile Celeron B810 Optional: Intel® Core™ i7 2.5GHz
<b>Memory:</b>	4GB to 8GB DDR3 DRAM
<b>Storage:</b>	Compact Flash 32GB or 128GB SSD min
<b>Connectivity:</b>	2 x USB, 1 x 10/100/1GB LAN, 1 x COM, 1 x serial RS232. Optional: Fiber 100BaseFX w/ST connectivity, RS422 or RS485
<b>Power Supply:</b>	100 to 240 VAC, 47-63 Hz; detachable Optional DC power 9-36VDC
<b>Enclosure Rating:</b>	Full IP66
<b>Shock:</b>	Shock 40g 11ms pulse with 3 axis, operating/ non-operating
<b>Vibration:</b>	MIL-STD 810F method 514 proc, fig: 514.5C-17, approx 3Grms 3 axis (operational)
<b>EMI &amp; Safety:</b>	CE/FCC Class A, IECEx C1Z2, ATEX Zone 2 AEx
<b>Temperature:</b>	Operating: 0°C to 60°C Optional -40°C Storage: -40°C to +70°C
<b>Housing:</b>	Aluminum Cast
<b>Mounting:</b>	Rear VESA 75 and 100 mounting Options • Yoke mount kit • Sunshade kit • Panel mount kit • Hanger mount kit
<b>Dimensions:</b>	11.75 x 15 x 6.57 inches inclusive of power supply attached to the back of the unit
<b>Weight:</b>	Approximately 24 lb depending on configuration chosen
<b>Optional</b> (available on certain models, check with factory)	• Wireless LAN • -40°C Low temp • Horn and Driver Kit • Windows 7 • Bluetooth keyboard • USB cabled keyboard • Pelican Case

## KEY ENHANCEMENTS AND MODIFICATIONS OF THE NEW BARRACUDA 15" WS

Specification	Barracuda 15" WS (Gen 1)	Barracuda 15" WS (Gen 2)
<b>Brightness:</b>	CCFL backlight - Sunlight-viewable	LED backlight - Sunlight-readable
<b>Touch Screen:</b>	Resistive-Touch	Resistive-Touch Optional projected Capacitive touch
<b>CPU:</b>	Celeron Mobile 2.0GHz Optional: Intel® Core™ 2 Duo 2.5GHz	Intel® Mobile Celeron B810 Optional: Intel® Core™ i7 2.5GHz
<b>Connectivity:</b>	1 x USB, 1 x 10/100 LAN, 1 x combo PS/2, 1 x COM, 1 x VGA	2 x USB, 1 x 10/100/1GB LAN, 1 x serial com RS232. Optional: Fiber RS422 or RS485
<b>Power Supply:</b>	100-240 VAC, 47-63 Hz; detachable	100-240 VAC, 47-63 Hz; detachable Optional DC power
<b>Temperature:</b>	Operating: 0°C to 50°C Optional -40°C	Operating: 0°C to 60°C Optional -40°C Storage: -40°C to +70°C
<b>Dimensions:</b>	11.75 x 15 x 6.3 inches inclusive of power supply attached to the back of the unit	11.75 x 15 x 6.57 inches inclusive of power supply attached to the back of the unit
<b>Weight:</b>	Approximately 20 lb, depending on configuration chosen	Approximately 24 lbs, depending on configuration chosen



Intelligent connectivity with Intel Inside®.

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**Azonix Corporation**  
Eaton Experience Center  
3413 North Sam Houston Parkway West  
Suite 200  
Houston TX 77086, USA  
Azonix Business Center Toll Free: +1-800-835-7075  
www.azonix.com

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**EUROPE (EMEA):**  
+44 (0)1582 723633  
mtlenquiry@eaton.com

**THE AMERICAS:**  
+1 800 835 7075  
mtl-us-info@eaton.com

**ASIA-PACIFIC:**  
+65 6 645 9888  
sales.mtlsing@eaton.com

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