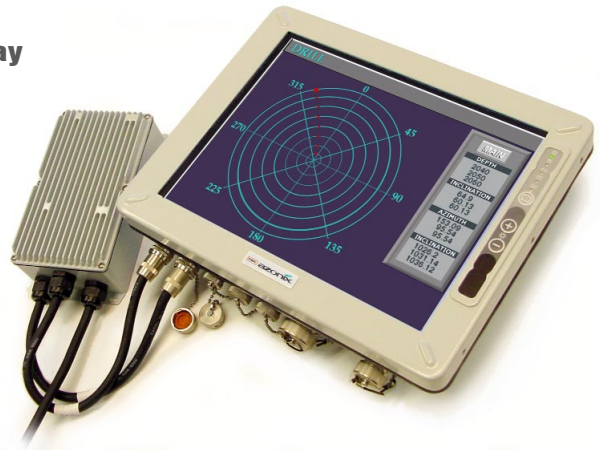


Barracuda

Rugged Mil-STD 810F & IP65 Workstation

- Slim and lightweight
- Display or workstation versions
- 15-inch, sunlight-readable, XGA touch-screen display
- Multi-mounting options (VESA, Panel Mount)
- Corrosion-proof NEMA4, IP65 aluminum enclosure
- Front panel button to disable touch-screen and turn off backlight
- Locking military connectors standard
- Optional UPS battery backup
- Optional built-in high-gain wireless LAN
- Removable storage media (CF card or HDD)
- Intel® Pentium® M processor
- Modular AC/DC sealed power supply
- -40° C low-temperature option



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 Barracuda is designed to thrive in. Workstations and displays used in military and automation applications need to be transportable and flexible enough 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 applications such as Military C4 applications and oil and gas exploration, where a display or workstation must be able to withstand harsh shock and vibration or 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 two configurations, depending on industry and specific application requirements. The Azonix Barracuda DS offers a full military-hardened MIL-STD 810F and Protection Classification IP65-compliant sunlight-viewable touch-screen display. The Azonix Barracuda WS also uses an Intel® Pentium® M processor workstation that offers a removable hard drive or Compact Flash storage device.

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Barracuda

Rugged Mil-STD 810F & IP65 Workstation

Barracuda Applications

Azonix Barracuda design pushes Wintel mobile computing further into the realm of point-of-attack applications for operations in hazardous areas, such as military land and naval applications, gas and oil exploration and transportation, remote location skids and platforms, gas compression stations, offshore rigs, harsh industrial environments, machine automation and more.

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



Barracuda Specifications	Barracuda WS	Barracuda DS
Display/Resolution	15-inch TFT, 1024 x 768	15-inch TFT, 1024 x 768
Brightness	Sunlight-Viewable	Sunlight-Viewable
	Resistive-Touch	Resistive-Touch
CPU Intel®	Pentium™ M 1.8Ghz	-
Memory	Up to 1GB	-
Removable Storage	Compact Flash or optional 2.5-inch HDD	-
Connectivity	1x USB, 1x10/100 LAN, 1x combo PS/2, 1x COM, 1x VGA	1x USB, 1x VGA
Power Supply	100-240 VAC, 47-63 Hz	100-240 VAC, 47-63 Hz
Enclosure Rating	Full IP65	Full IP65
Shock	11ms pulse with 3 axis	11ms pulse with 3 axis
Vibration	2-13Hz Displ'm'nt = +/- 1.5mm (0.059 in.) 3 axis; 13 – 100Hz Accel. = +/- 10 m/sec2 (1g) 3 axis	2-13Hz Displ'm'nt = +/- 1.5mm (0.059 in.) 3 axis; 13 – 100Hz Accel. = +/- 10 m/sec2 (1g) 3 axis
EMI & Safety	FCC/CE Class A Class 1 Zone 2	FCC/CE class A Class 1 Zone 2
	0°C to 50°C	0°C to 50°C
Housing	Aluminum sheetmetal with heat sink	Aluminum sheetmetal with heat sink
Dimensions (H x W x D)	11.75 x 15 x 3.87 inches 298 x 381 x 98 mm	11.75 x 15 x 2.48 inches 298 x 381 x 63 mm
Weight (w/o mount + P/S)	16 lbs (7.27 Kgs)	10 lbs (4.55 Kgs)
Optional	2nd USB port Wireless LAN 15-min UPS Backup -40°C Low Temp	2nd USB port -40°C Low Temp

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