

BARRACUDA BOP

Misson Critical Rugged Zone 2 Workstation

CRANE

azonix

Features

- Pentium M full client computer
- 19 inch sunlight viewable display
- CSA: Class 1 Zone 2 ATEX: Zone 2
- Front panel button to disable touch screen
- Redundant communication capability
- Optional low temperature heater

Azonix is introducing the Barracuda BOP, an application specific rig floor computer with integrated features required in blowout preventer surface systems. This workstation has a 19 inch LCD large enough to display clearly in one screen, all the critical information such as the complete Christmas tree, thereby avoiding the need to toggle between multiple screens. The unit has a hardware button that enables and disables the touch screen avoiding unsolicited touches that can impact the process. The Barracuda BOP has redundant communication via copper and fiber running Ethernet, Profibus and Profi.net

The Barracuda BOP is based on the structure of the successful Barracuda hardware platform. The computing and environmental packaging capability is common throughout the Barracuda platform. With the Barracuda BOP we integrated a larger back enclosure to create room for the added redundant communication cards required per the mission critical application.

About Azonix

Azonix Corporation has been a subsidiary of Crane Co. since 1994 and is part of its Controls Group. We have been supplying rugged computing, DAQ and control solutions to vertical industries such as Oil and Gas exploration, manufacturing plants, refineries, chemical processing plants, and for the Navy, Army and Air force in specific areas. We also serve the Process Automation and Marine markets where our unique value proposition applies.



Blow Out Protection



BARRACUDA BOP

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BARRACUDA BOP APPLICATIONS

The Barracuda BOP is designed for the mission critical application of blow out prevention. This large screen computer enables the operator to view real time information close to the point-of-attack enabling them to respond to a situation knowledgeably. Since making an error in the process could be costly and in some cases fatal, Azonix has added redundancy and safety features to help the user complete the job successfully.

BARRACUDA BOP

Barracuda Specifications	Barracuda BOP
Display / Resolution	19-inch TFT, 1280 x 1024
Brightness	Sunlight-viewable
Touch Screen	Resistive-Touch; Anti-glare; Touch disable button
CPU Intel ®	Pentium™ M 1.6GHz to 1.8GHz
Memory	Up to 1GB
Removable Storage	Compact Flash or optional 2.5-inch HDD
Connectivity	1x USB, 1x10/100 Base-T, 2x Profinet fiber ports, 1x RS232, 1x RS485 Profibus port
Power Supply	100-240 VAC, 47-63 Hz; detachable
Enclosure Rating	NEMA 4, IP56
Shock	10G, 11 ms pulse with 3 axis
Vibration	2-13Hz Dispm = +/- 1.5mm 3 axis 13-100Hz Accel. = +/- 10 m/sec2 (1g) 3 axis
EMI & Safety	CE Mark, IECEX C1Z2, ATEX: Zone 2
Operating Temperature	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 points Panel Mount kit
Dimensions	15" H x 18" W x 8" D
Weight (w/o mount & PS)	Approx. 25 lbs
Optional	Internal or external horn