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Datasheet

Navigation Computer



Description

The Type 8026 Navigation Computer forms part of a Data Fusion Engine, a 'one-box' solution designed to meet the complete on-board requirements of any acoustic operation.

The Navigation Computer is a powerful, purpose-built PC that is used in conjunction with the Navigation Controller Unit (NCU). It has been specifically designed to run Sonardyne's family of Pharos LBL and Pharos USBL software applications.

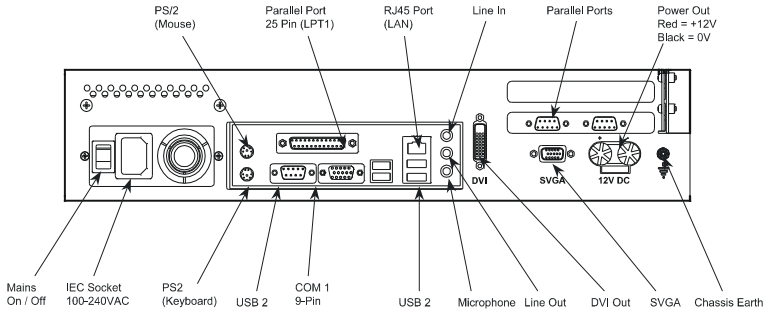
Features include a front-mounted software key port for when access to the rear of the unit is restricted by rack mounting or portable configurations.

Key Features

- Intel® Core 2 Duo® processor
- Dual screen (SVGA and DVI)
- Shock mounted hard drive
- Ethernet or Serial I/F to NCU
- Front mounted software key
- DVD reader / CD writer
- Only 2U high and 384mm deep

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Specifications
Navigation Computer



Feature		Type 8026
General		Intel® Core 2 Duo® 1.83Ghz T5600 processor
RAM		1Gb
Hard Disc		80Gb
Drives		1.44Mb Floppy Drive, DVD Reader/CD Writer
Ports		1x SVGA, 1x DVI, Dual Video Output (Dual Screen or Clone Screen) 6x USB (2x Front, 4x Rear), 1 x Printer Ports (Front), 4 x Serial Ports (Optional Additional 2 serial ports), 1x Keyboard, 1x Mouse, 1x Speaker, 1x AUX In
Network		2 x 1Gbps Ethernet
Power Supply		Auto sensing AC input voltage 100-240V, 50-60Hz Max current 1.5A @ 240V, 60W / 12 VDC out (LCD Monitor) Ave. operating current: 0.63A @ 240V
Environmental Specifications	Operating	0º to 35ºC (35º – 95ºF)
	Storage	-40º to 65ºC (-40º - 149ºF)
	Relative Humidity	20% - 80% (non-condensing)
	Shock	10G acceleration peak to peak 5-17Hz, 0.1" Double amplitude displacement 17-640Hz, 1.5G acceleration peak to peak
Safety		Complies with EN61010-1
EMC		Complies with Immunity & Emission requirements of EB60945
Dimensions (LxWxH)		384mm (15.1") x 482mm (18.9") x 88mm (3.4")