
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.

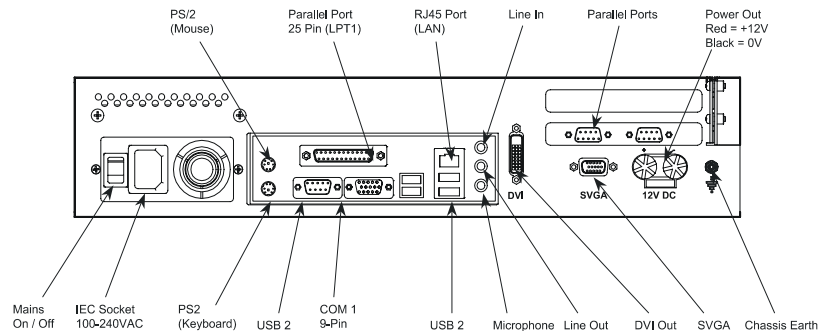
Features include a front-mounted software key port for when access to the rear of the unit is restricted by rack mounting or portable configurations.

Key Features

- Ethernet or Serial I/F to NCU
- Fronted mounted software key
- CD Writer and floppy drive
- Only 2U high and 384mm deep

Specifications

Navigation Computer



Feature	Type 8026
General	Pentium 4, 2.4Ghz, 512KB Cache
RAM	512Mb
Hard Disc	40Gb
Drives	1.44Mb Floppy Drive, CD Read/Writer
Ports	1x SVGA, 1x DVI, Dual Video Output (Dual Screen or Clone Screen) 6x USB (2x Front, 4x Rear), 2x Printer Ports (1x Front, 1x Rear), 3x Serial Ports (Optional Additional 8 serial ports), 1x Keyboard, 1x Mouse, 1x Speaker, 1x AUX In
Network	1x 100Mbps Ethernet (Optional Internal 4 Port Switch)
Inport Power / Power Out	110 Vac – 240 VAC, 300W / 12 VDC Out (LCD Monitor)
Environmental Specifications	Operating 0° to 35°C (35° – 95°F) Storage -40° to 65°C (-40° - 149°F) 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")