



Back view of Leviathan 19i computer

# Leviathan 19i

## Marine Computer

The Leviathan 19i is purpose-driven for the scientific and hydrographic industries where multiple layers of built-in redundancy are mission critical.

Removable, locking solid state drives store all your data, while two anti-vibration secured internal hard drives handle operating system and program duties. An industrial grade motherboard is standard and dual gigabit network connections provide maximum data throughput. Fully customizable, the Leviathan 19i is sure to meet the needs of the hydrographic and scientific industry sectors.

### Features

- Industry standard 19" design fits existing racks
- Dual removable, locking solid-state drives
- Dual internal 500 GB hard drives
- Anti-shock and anti-vibration design
- High performance dual video output
- Secure internal USB port

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# Leviathan 19i Specifications

Features	LEV-019i Rack
<b>CPU</b>	Intel i7 Quad Core
<b>RAM</b>	8 GB DDR4, upgradeable to 32 GB
<b>Hard Drive</b>	2 x 500 GB, dual removable/locking 120 GB SSD
<b>Optical Storage</b>	Slot loading CD-RW/DVD±RW
<b>I/O Ports</b>	PS2, HDMI, DVI, Display Port, Audio in/out
<b>Video</b>	ATI Radeon HD6450 1 GB, with VGA, DVI, HDMI, upgradeable
<b>Audio</b>	HD Audio
<b>Expansion Slots</b>	1 PCIe-16, 1 PCIe-4, 2 PCI
<b>LAN</b>	2 x 10/100/1000 LAN
<b>USB</b>	2 x USB 3.0 (rear); 4 x USB 2.0 (rear); optional USB 2.0 (front)
<b>Serial</b>	1 x selectable 232 serial port, optional 15kV with ESD protection or opto-isolated serial ports
<b>Operating System</b>	Windows 10 Professional 64 bit edition
<b>Power</b>	100~240V AC, optional 9~30V DC
<b>Operation Temp</b>	0°C to 50°C (32°F to 122°F)
<b>Storage Temp</b>	-20°C to 60°C (-4°F to 140°F)
<b>Vibration Control</b>	Dual independent vibration control
<b>Dust Control</b>	User replaceable filters
<b>Case Design</b>	Aluminum chassis & case, stainless steel internal mounts
<b>Case Finish</b>	Marine grade powder coat internal and external
<b>Mount Solutions</b>	Rack mount rails available in various lengths
<b>Dimensions</b>	445 mm x 425 mm x 102 mm (17.5" x 16.75" x 4")
<b>Product Standards</b>	FCC, UL, CE, ISO 9001:2015, built to meet IEC 60945
<b>Warranty</b>	2 year (2nd year with registration*)

MarineNav products are available in a multitude of configurations to provide maximum flexibility and user convenience. Contact us or visit our website at [www.marinenav.ca](http://www.marinenav.ca) for more details.

\* Product must be registered within first warranty year.

While we strive to ensure the accuracy of all items and descriptions in this document, this is not always possible. Specifications, options, and availability subject to change with out notice. Errors and omissions excepted. We reserve the right to limit quantities.

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