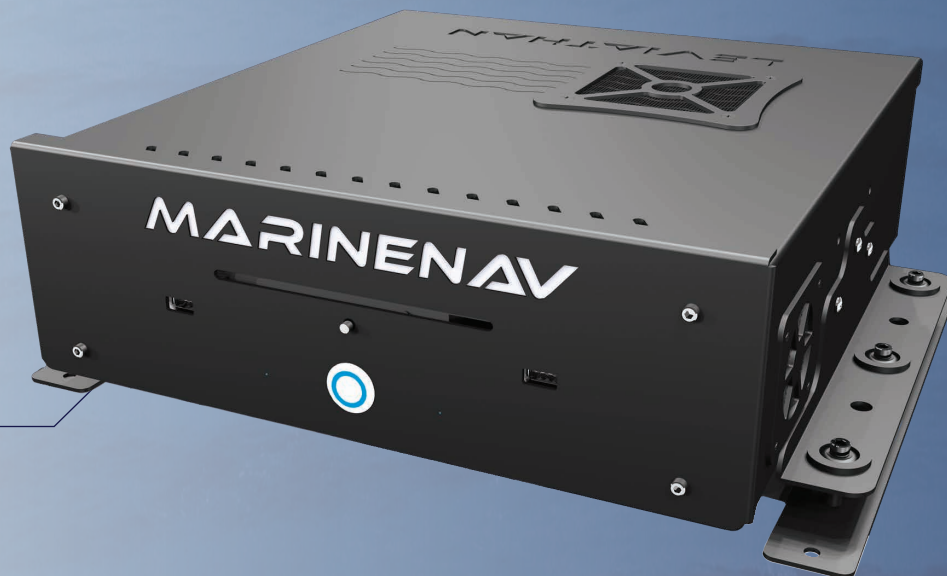


MARINENAV

*Built North Atlantic Tough
Trusted Everywhere*



FRONT VIEW OF LEVIATHAN 13

▶ LEVIATHAN 13

Built to exceed the needs of even the most demanding users, the Leviathan 13 marine computer system provides incredible processing power with vast amounts of hard drive storage space for navigation software, vessel monitoring, charts, music, and video.

Available in either a rack mount case or a compact surface mount design, Leviathan 13 computer systems come with optional isolated 9~30 volt DC or optional AC power input. Every Leviathan system features the latest multi-layer vibration dampening and anti-shock technology.

▶ FEATURES

- *Surface mount or rack mount chassis*
- *Industry standard 19" design fits existing racks*
- *Available with solid-state system drive*
- *Anti-shock and anti-vibration design*
- *Expansion options include serial ports, storage, video card*



BACK VIEW OF LEVIATHAN 13



▶ LEVIATHAN 13 SPECIFICATIONS

Features	LEV-013 AMD	LEV-013 i5	LEV-013 AMD Rack	LEV-013 Rack i5
CPU	AMD A4	Intel i5 Quad Core	AMD A4	Intel i5 Quad Core
RAM	4 GB DDR3, upgradeable to 16 GB	4 GB DDR3, upgradeable to 32 GB	4 GB DDR3, upgradeable to 16 GB	4 GB DDR3, upgradeable to 32 GB
Hard Drive	1 TB, upgradeable	1 TB, upgradeable	1 TB, upgradeable	1 TB, upgradeable
Optical Storage	Optional slot loading CD-RW/DVD±RW, optional Blu-Ray	Optional slot loading CD-RW/DVD±RW, optional Blu-Ray	Slot loading CD-RW/DVD±RW, optional Blu-Ray	Slot loading CD-RW/DVD±RW, optional Blu-Ray
Video	ATI Radeon HD6450 1 GB, VGA, DVI, HDMI, upgradeable	ATI Radeon HD6450 1 GB, VGA, DVI, HDMI, upgradeable	ATI Radeon HD6450 1 GB, VGA, DVI, HDMI, upgradeable	ATI Radeon HD6450 1 GB, VGA, DVI, HDMI, upgradeable
Audio	HD Audio	HD Audio	HD Audio	HD Audio
Expansion Slots	1 x PCIe-16, 1 PCIe-1, 1 x PCI	1 x PCIe-16, 2 x PCIe-1	1 x PCIe-16, 1 PCIe-1, 1 x PCI	1 x PCIe-16, 2 x PCIe-1
LAN	10/100/1000 Gigabit LAN	10/100/1000 Gigabit LAN	10/100/1000 Gigabit LAN	10/100/1000 Gigabit LAN
USB	6 x USB 2.0 (2 front, 4 rear) 2 x USB 3.0 (rear)	2 x USB 2.0 (rear) 6 x USB 3.0 (2 front, 4 rear)	6 x USB 2.0 (2 front, 4 rear) 2 x USB 3.0 (rear)	2 x USB 2.0 (rear) 6 x USB 3.0 (2 front, 4 rear)
Serial	3 x RS232, upgradeable	1 x RS232 internal, upgradeable	3 x RS232, upgradeable	1 x RS232 internal, upgradeable
Operating System	Windows 7 Professional	Windows 7 Professional	Windows 7 Professional	Windows 7 Professional
Power	9~30V DC, optional 100~240V AC	9~30V DC, optional 100~240V AC	100~240V AC, optional DC	100~240V AC, optional DC
Operation Temp	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)
Storage Temp	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Vibration Control	Dual independent vibration control	Dual independent vibration control	Dual independent vibration control	Dual independent vibration control
Dust Control	User replaceable filters	User replaceable filters	User replaceable filters	User replaceable filters
Case Design	Aluminum chassis & case, stainless steel internal mounts	Aluminum chassis & case, stainless steel internal mounts	Aluminum chassis & case, stainless steel internal mounts	Aluminum chassis & case, stainless steel internal mounts
Case Finish	Marine grade powder coat internal and external	Marine grade powder coat internal and external	Marine grade powder coat internal and external	Marine grade powder coat internal and external
Mount Solutions	Anti-shock brackets with bulkhead & shelf mount	Anti-shock brackets with bulkhead & shelf mount	Rack mount rails available in various lengths	Rack mount rails available in various lengths
Dimensions	DC: 279 mm x 337 mm x 102 mm (11" x 13.25" x 4") AC: 324 mm x 349 mm x 108 mm (12.75" x 13.75" x 4.25")	DC: 279 mm x 337 mm x 102 mm (11" x 13.25" x 4") AC: 324 mm x 349 mm x 108 mm (12.75" x 13.75" x 4.25")	445 mm x 425 mm x 108 mm (17.5" x 16.75" x 4.25")	445 mm x 425 mm x 108 mm (17.5" x 16.75" x 4.25")
Product Standards	FCC, UL, CE, ISO 9001:2008; Built to meet IEC 60945	FCC, UL, CE, ISO 9001:2008 Built to meet IEC 60945	FCC, UL, CE, ISO 9001:2008 Built to meet IEC 60945	FCC, UL, CE, ISO 9001:2008 Built to meet IEC 60945
Warranty	2 year (2nd year with registration*)	2 year (2nd year with registration*)	2 year (2nd year with registration*)	2 year (2nd year with registration*)

* Product must be registered within first warranty year.

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 for more details.

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 without notice. Errors and omissions excepted. We reserve the right to limit quantities.

MARINENAV

ISO 9001:2008 certified company

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