SIMRAD

NSO evo2

- Dual Independent Video Output
- Smart Design
- Performance Module Integration
- Cartography Options
- Touch Screen Support
- 1080p Video Output

Dual Independent Displays

One NSO processor allows independent control of two screens, giving you the freedom to view and control your onboard systems more easily while making every dual station installation or larger networked system simple and much more cost effective.

Quad-Core Processors

Performance Modules

Simrad's NSO evo2 is compatible with the full range of available Performance Modules. From the professional-level performance of our **CHIRP** or **StructureScan Echosounders** to the incredible image clarity of our **HD Digital** and **Broadband Radars**; the NSO evo2 provides a solid foundation for any integrated navigation system.

Find out more at Simrad-Yachting.com

Enhancing the helms of the world's leading hardworking tournament sport fishers, blue water cruisers and luxury yachts, the NSO evo2 is the premium single or multi-display multifunction navigation system for performance-minded boaters. The NSO evo2 offers dual high-definition, video output each with a lightning fast quad-core processor for quick response and high performance in single and dual independent display installations.

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NSO EVO 2

Technical Specifications

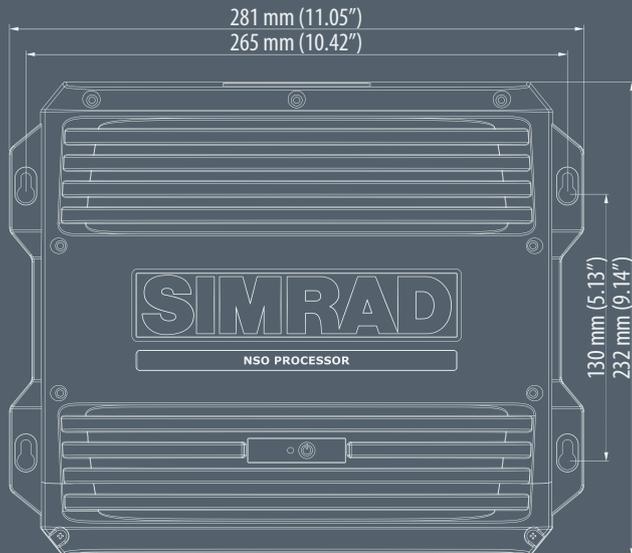## NSO evo2 Marine Processor

Mechanical / Environmental

Casing	ABS Composite
Operating Temp	-15°C to +55°C
Water ingress	IPx2
Weight	1060g
Dimensions (overall)	281mm (W) x 232mm (H) x 65.5mm (D)

Electrical

Operating voltage	9 - 31.2 V DC
Power consumption	45W (Max)
Low power standby mode	yes
Protection	reverse polarity and temporary over-voltage to 36V
Alarm output current	capable of driving 10A relay coil
Processor	iMX61 quad core
RAM	DDR3 1GB
Storage	8GB Flash
Conformity	CE, C-Tick, HDMI

Interfaces

Ethernet	3 ports total - 1 & 2 are PoE (RJ45 socket)
NMEA 2000	1 port on rear (Micro-C male)
Video input	2 ports on rear (BNC female. NTCS or PAL format)
Video output	800x600 (SVGA 4:3), 1024x768 (XGA 4:3), 1280x720 (HD 16:9), 1366x768 (WXGA), 1920x1080 (Full HD 16:9), 1920x1200 (WUXGA 16:10), 1280x800 (16:10), 1280x1024 (SXGA 5:4)
USB	mass storage, keyboard and mouse (Type A socket)
SD	32GB (Full size SD card socket)
NMEA 0183 baud rate	4800, 9600, 19200, & 38400 (via proprietary cable)
NMEA 0183 via RS232	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200
Charting support	Navionics, CMAP, Insight, NV Charts on SD

281 mm (11.05")
265 mm (10.42")

130 mm (5.13")
232 mm (9.14")

66 mm (2.58")

NSO PROCESSOR

Your gateway to Simrad-Yachting.com

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