• 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.
### 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**: iMX6 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 (WXGA 16:10), 1280x800, 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