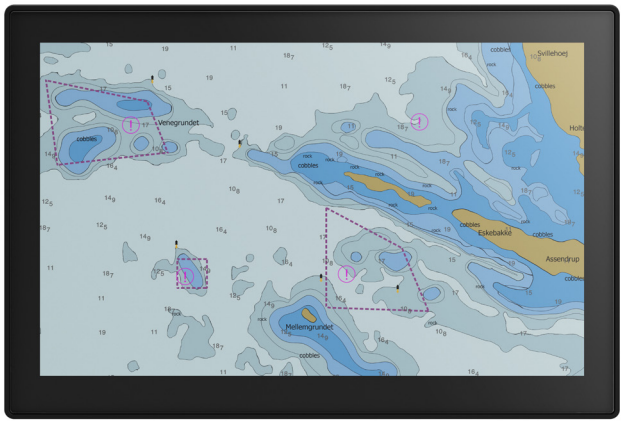
DuraPANEL 10.1” S-Line N97

Wide Screen Panel PC for Marine Applications

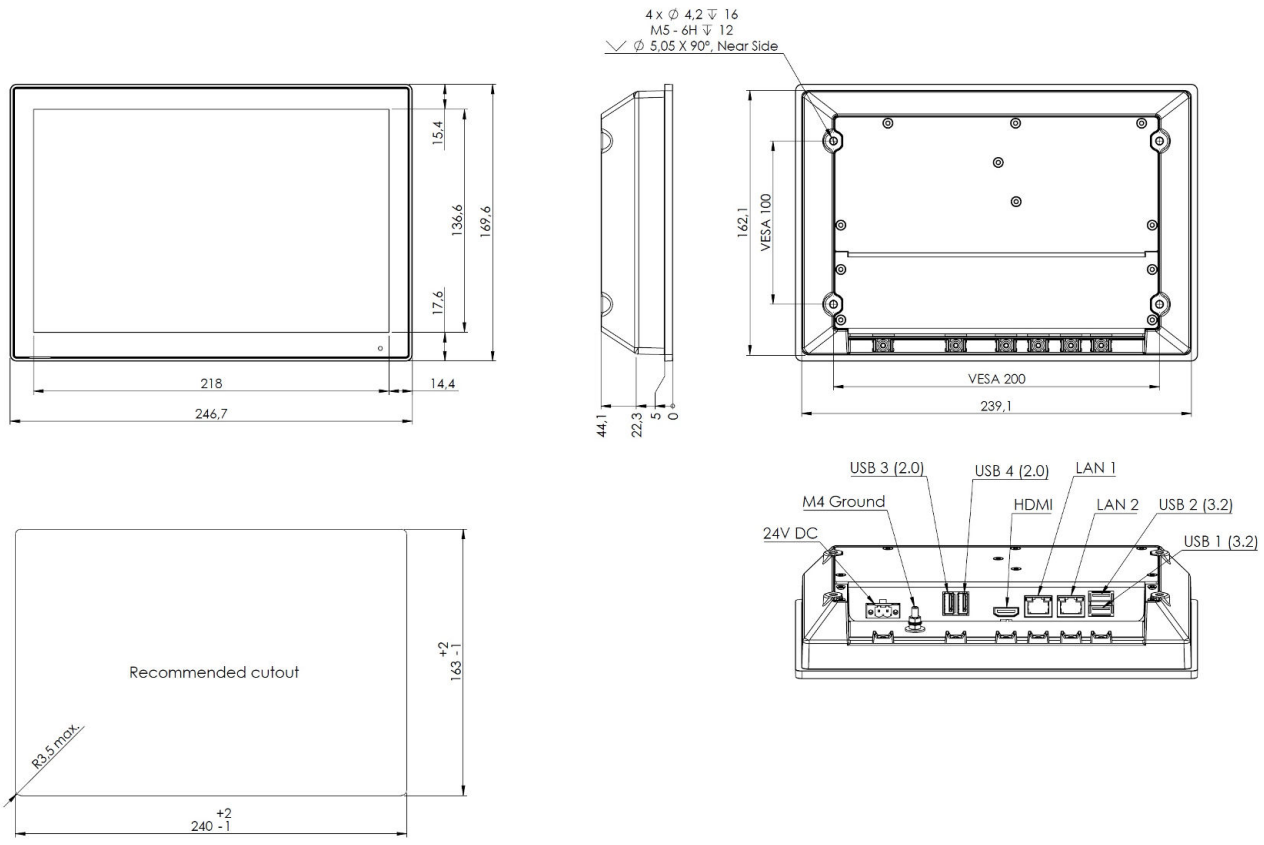


DuraPANEL 10.1” S-Line Panel PCs are designed for marine, naval and other demanding environments where reliable and durable hardware is required.

The S-Line product family is an up-to-date and cost efficient design featuring super slim design, narrow bezel, low weight and low power consumption.

- ✔ 60945 Type Approval
- ✔ Bridge Applications
- ✔ Control Applications

Mechanical outline



Changes may occur - for latest revision please contact sales@isic-systems.com

Specifications

Display properties

Size	10.1”
Aspect ratio	16:10
Active area	216.96 x 135.60 mm
Luminance	500 Cd/m2 (typical)
Contrast	800:1 (typical)
Native resolution	1280 x 800
View angle	89° (L/R/T/B) typical
Glass	Anti-Glare, Anti-Reflective and toughened
Touch	P-Cap multi touch

Motherboard

Chipset	Intel® SoC solution
CPU	Processor N97 up to 3.6 GHz 4 Cores
Watchdog timer	65536 levels, 1 to 65535 sec.
HW monitoring	Temperature, voltage
Wake-on-LAN	Yes
On board graphics	Intel® HD Graphics 730
Graphics supports	DirectX 12.1 Open GL 4.6 Open CL 3.0
TPM	TPM 2.0

Memory and storage

Memory	8 GB LPDDR5 on-board
Storage	Up to 1 TB M.2 B key 2242 PCIe x 2

Power supply/power consumption

DC Power	24 VDC (nominal battery) Marine Isolated
Consumption	50 W Max.

Operator control interface & OSD

Dimming	Windows API or Serial COM
Display properties	Controlled by OS

OS options

Windows	Windows 11 IoT LTSC 2024 PKEA / ePKEA

Input/output terminals

DP video out	1 x HDMI 2.1 up to 4096x2160@60Hz
USB	2 x USB 3.2 Gen.2 Type A + 2 x USB 2.0 Type A
Ethernet	2 x 2.5 GbE LAN

Physical dimensions

Dimensions	246.7 (W) x 169.6 (H) x 44.1 (D) mm
Dimensions in box	340 (W) x 340 (H) x 180 (D) mm
Weight	2.0 kg 3.0 kg in box

Environmental

Operating temp.	- 15 to +55° C
Storage temp.	- 25 to +70° C
Humidity	8 to 95% RH
Protection	IP56 from front - IP22 from rear
Compass SD	135cm (standard), 90cm (steering)

Options & accessories

Console bracket	Console bracket kit (09353-000)
Table/ceiling	Table/ceiling mounting kit (09313-000)
Buzzer	Included, 1740 Hz

Approvals & Certificates

Marine	IEC 60945 ed. 4 & IACS E10 rev. 10
Certificate	DNV Mutual Recognition (Pending)

DRAFT: ISIC 20260817 PN:11906-000

ISIC TRUSTED HARDWARE SYSTEMS

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