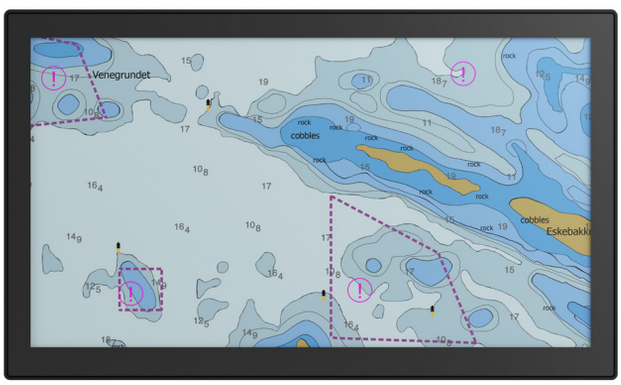
DuraPANEL 15.6” S-Line N97

Wide Screen Panel PC for Marine Applications

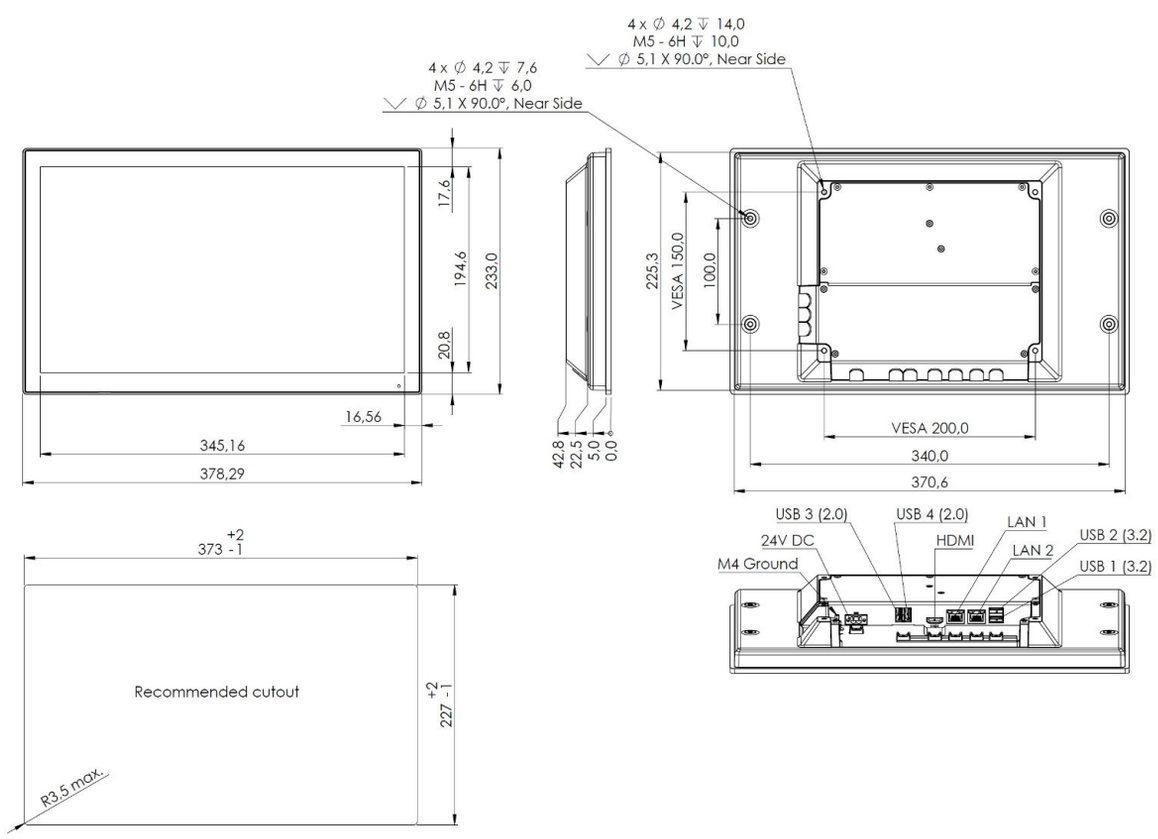


DuraPANEL 15.6” S-Line Panel PCs are designed for marine, naval and other demanding environments where reliable and durable hardware is required.

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.

- IEC 60945 & IACS UR E10 Type Approval

Mechanical outline



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

Specifications

Display properties

Size	15.6”
Aspect ratio	16:9
Active area	344.16 x 193.59 mm
Luminance	500 Cd/m² (typical)
Contrast	1000:1 (typical)
Native resolution	1920 x 1080
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 3.6GHz 4 Cores
Watchdog timer	255 steps
HW monitoring	Temperature, voltage
Wake-on-LAN	Yes
On board graphics	Intel® UHD Graphics
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
	Windows 10 IoT LTSC 2021 PKEA / ePKEA

Input/output terminals

DP video out	1 x HDMI 1.4 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	378 (W) x 233 (H) x 43 (D) mm
Dimensions in box	473 (W) x 338 (H) x 168 (D) mm
Weight	4.0 kg 4.3 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	115cm (standard), 65cm (steering)

Options & accessories

Console bracket	Console mounting kit (09354-000)
Table/ceiling	Table/ceiling mounting kit (09314-000)
Buzzer	Included, 1740 Hz

Approvals & Certificates

Marine	IEC 60945 ed. 4 & IACS UR E10 rev. 10
Certificate	DNV, ABS, LR, BV, ClassNK, RINA, CCS, KR, PRS

ISIC 20261120, rev. A PN: 11905-000

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