

# DuraPANEL 10.1" S-Line N97

## Wide Screen Panel PC for Marine Applications

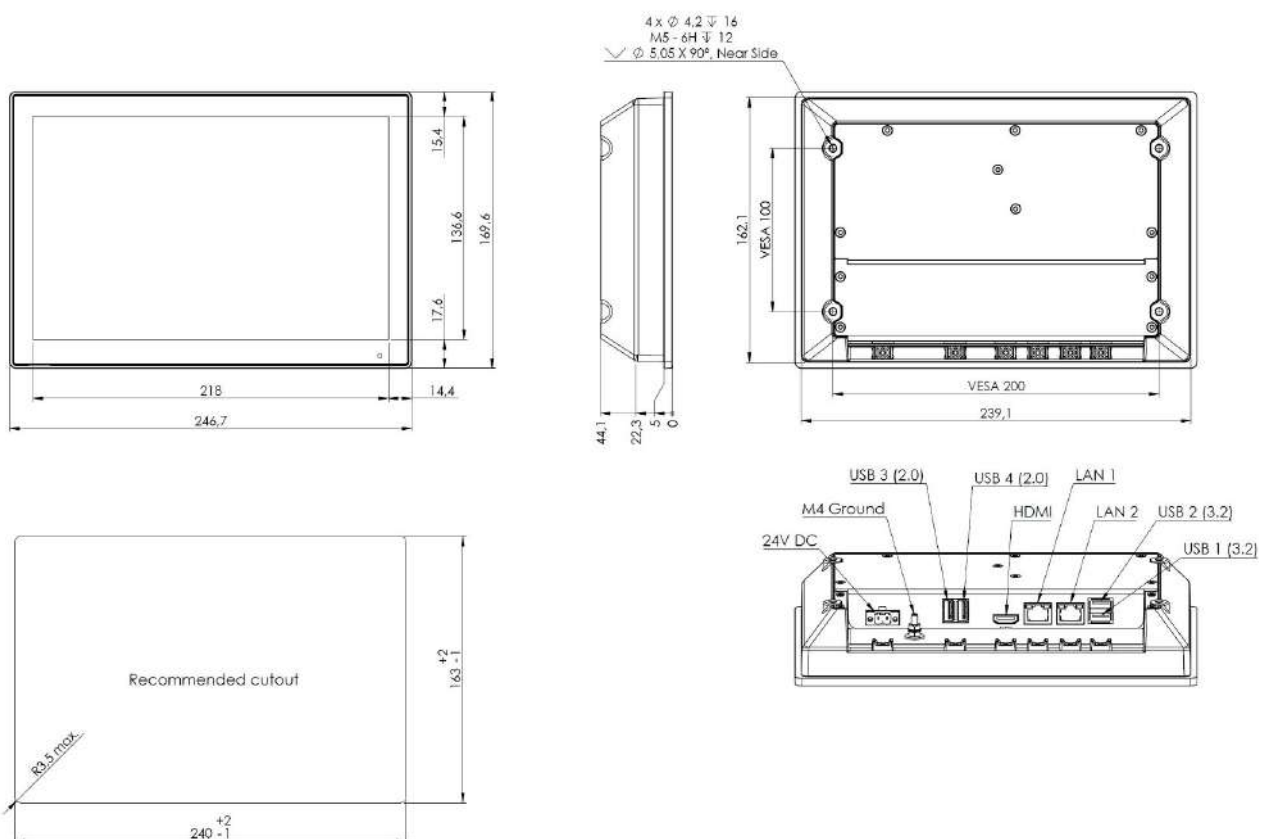


DuraPANEL 10.1" S-Line Panel PCs are designed for marine, naval and other demanding environments where reliable and durable hardware is required.

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



### Display properties

|                   |                                           |
|-------------------|-------------------------------------------|
| Size              | 10.1"                                     |
| Aspect ratio      | 16:10                                     |
| Active area       | 216.96 x 135.60 mm                        |
| Luminance         | 500 Cd/m <sup>2</sup> (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 1TB 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)  |