

DuraPANEL 12.1" G-Line

Wide Screen Panel PC for Marine Applications

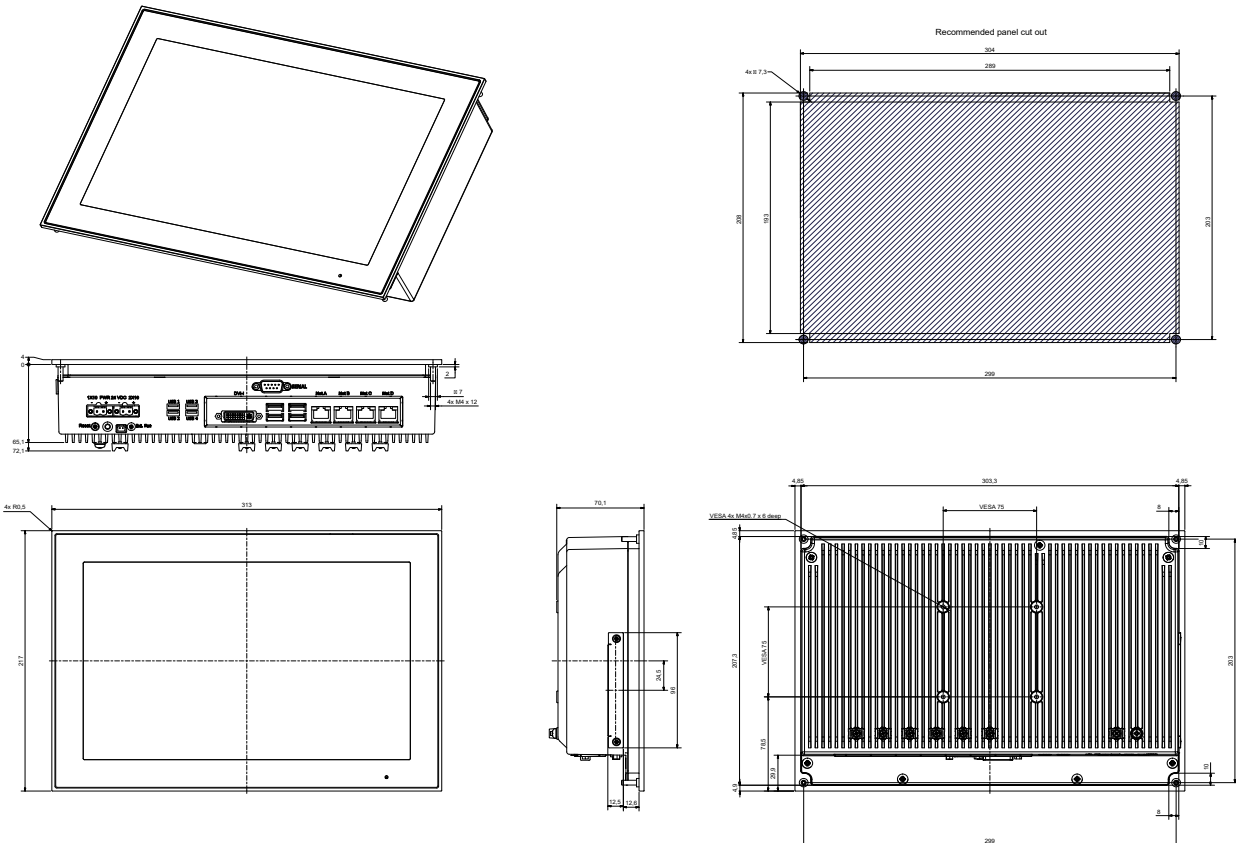


DuraPANEL 12.1" G-Line Panel PCs are designed for marine, naval and other demanding environments where reliable and durable hardware is required.

The G-Line product family has a long track record in the market and features full glass front with integrated P-Cap multi touch.

✓ 60945 Type Approval

Mechanical outline



Display properties

Size	12.1" wide screen
Aspect ratio	16:10
Active area	261.12 x 163.20 mm
Luminance	600 Cd/m ²
Contrast	1000:1
Native resolution	1280 x 800
View angle	89° (L/R/T/B) typical
Glass	Anti reflection coated front glass
Touch	P-Cap multi touch

Motherboard

Chipset	Intel® SoC solution
CPU	Celeron 2980U 1.6 GHz 2 cores, 2 threads
Watchdog timer	255 steps
HW monitoring	Temperature, Voltage and Fan
Wake-on-LAN	Yes
On board graphics	Intel® HD Graphics GT Series
Graphics supports	DirectX 11.1 Open GL 4.0 Open CL 1.2

Memory and storage

Memory	Up to 16 GB DDR3L RAM, SODIMM
Storage	Up to 1.9 TB SSD, SATA2

Power supply/power consumption

DC Power	24 VDC Dual galvanic isolated
Consumption	<25 W (VA)

Operator control interface & OSD

Dimming	DDC/CI internal DisplayPort
Display properties	DDC/CI internal DisplayPort

OS options

Windows	Windows 10 IoT
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Input/output terminals

DVI-I output	1 x DVI-I
USB	4 x USB 3.0
RS serial port	1 x 9p D-sub female, 232/422/485
Ethernet	1 x Gbit LAN, Intel I218 iAMT 9.5
Ethernet	3 x Gbit LAN, Intel I210AT
24 VDC output	Power for external fan
Audio Buzzer	1 x build-in audio buzzer (75-85 dB(A) / 1m)

Physical dimensions

Dimensions	313 (W) x 217 (H) x 72 (D) mm
Dimensions in box	460 (W) x 340 (H) x 140 (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% relative humidity
Protection	IP56 from front - IP22 from rear
Compass SD	75 cm (stand.) 55 cm (steer.)

Approvals & Certificates

CE	EU declaration of conformity (03020-019)
Marine Certificate	IEC 60945 ed. 4 & IACS E10 rev. 8 DNV Mutual Recognition