

DuraPANEL - Panel-PCs



DuraPANEL panel-PCs are designed for industry, marine and naval (mission critical) applications.

It values market-demands for:

- Standardisation and easy integration.
- Simplicity in operation.
- Modularity & space-saving.
- Long build-state possibility.
- Long up-time and less service.

DuraPANEL is part of the “All-in-one” **DuraFLEX** family, consisting of **DuraPC**, **DuraMON** and **DuraPANEL**.

- Full **DuraPC** on back
- High quality 15” and 19” displays
- Touch Screen options.
- Backlight dimmable 100% to 0%
- IP65 sealed USB-port in front.
- IP65 speaker in front as option.
- Easy access to all parts.
- Universal mounting-brackets available.
- ECDIS/RADAR options.
- Customisation possible

Specifications

DuraPANEL - General

CPU:	Intel® Celeron® M Processor from 1.3 GHz - 400MHz FSB, 512kB L2 <i>Intel® Pentium® M Processor up to 1.8GHz – 400MHz FSB, 2M L2 (option)</i>
Chipset:	Intel® 855GME - 400 MHz FSB
Memory:	512MB PC2100/2700 DDR SDRAM (Standard) <i>1GB PC2100/2700 DDR SDRAM (option)</i>
Hard Disk Drive:	40GB rotating SATA 24/7 rated <i>Larger rotating drive, SATA FLASH-drive, CF card drive (option)</i>
CD-ROM / DVD:	Slim-line DVD / CD-ROM R/W (option)
Video:	Intel® Extreme Graphics 2 controller on-board, VGA out 15-pin DSUB
Audio:	AC97 Codec on-board, Line out, Line in, Mic in (3.5mm jack socket)
Ethernet:	3x 10/100/1000 Mbit/s LAN on-board
Ports:	2x PS2, 2x RS-232 9-pin DSUB, 1x parallel 25-pin DSUB
USB:	4x USB2.0 ports (2 on rear, 1 internal, 1 IP65 from front)
Expansion Slots:	2x PCI through PCI expansion module (option)

DuraPANEL - Front

Display sizes:	15 and 19 inch LCD (TFT)
View angle:	80° - 89° (L/R/T/B) (typical)
Luminance:	300 Cd/m ² – 450Cd/m ² (typical)
Contrast ratio:	700:1 – 1300:1 (typical)
Front glass:	Anti glare impact resistant safety
Protection:	IP65 (flush mount)
Touch:	3M MicroTouch™ ClearTek™ II Capacitive (Optional extra)

DuraPANEL - Power

Standard:	90-264Vac. 50-60Hz Input
Automotive:	18-36Vdc Input

DuraPANEL - Environmental

Operating Temperature:	-15 to 55 °C
Storage Temperature:	-25 to 70 °C
Relative Humidity:	8 to 90 %

DuraPANEL - Approvals

CE Mark:	EN61000-6-2 & EN61000-6-4
Marine:	IACS E10 & IEC 60945 Ed. 4

DuraPANEL - Dimensions

Size:	15" – 420 (W) x 346 (H) x 173/223 (D) 19" – 494 (W) x 454 (H) x 173/223 (D)
Weight:	15" – app. 13 kg. 19" – app. 15 kg.
Brackets:	For horizontal and vertical mounting