



DuraPANEL Glass 24” Wide Screen for Radar & ECDIS



DuraPANEL panel PC's are designed for rugged industrial applications, and features:

- Wide temperature range
- Vibration resistance
- High reliability, less down time & service
- High degree of flexibility
- Easy to install
- Rigid mechanical design
- Low Power consumption
- Intel Haswell Core i3, i5 and i7 processors
- Industrial motherboard - long availability
- Up to 16GB DDR3 RAM
- Dual GBit LAN
- LED Backlight
- Backlight dimmable from keys on front
- High performance thermal design
- Optional ECDIS calibration
- Optional Touch
- Desk / wall / roof mounting-brackets available for VESA (150x280mm).

Specifications

DuraPANEL - General

CPU:	Intel® Core® i3-4330TE– 2,4 (3,0) GHz two cores, Four Threads, <i>Optional Intel® Core i5-4590T 2,0 (3,0) GHz 4 cores, 4 threads (CPUMark 5,758)</i> <i>Optional Intel® Core i7-4770TE 2,3 (3,3) GHz 4 cores, 8 threads (CPUMark 8,800)</i>
Chipset:	Intel® Q87 Chipset
Memory:	2 x DDR3 1333/1600 MHz SODIMM <i>Up to 16GB DDR3 SODIMM</i>
Hard Disk Drive:	80GB SSD <i>Optional 100 / 120 / 160 / 200 / 240... 800 GB SSD SATA or USB / CF (option)</i>
Video:	Intel® HD 4600 Graphics controller on-CPU <i>DirectX* 11.1 and OpenGL 3.3(Linux) - 4.2(Windows), OpenCL 1.2, Shader Model 5.3 Independent display capable</i>
External Video out:	HDMI and DP video output connectors
Audio:	Mic-in, Line-out, Line-in, 3 x 3,5mm Minijack
Ethernet:	2 x 10/100/1000 Gbits/s Ethernet LAN on-board, (RJ45) <i>1 x Intel® PHY I217LM (VPro)</i> <i>1 x Intel® I210AT</i>
USB:	4 x USB 3.0 ports plus 6 x USB 2.0 internally available
COM:	1x RS232 internally available
Expansion Slots:	1 x PCI Express x 4 2 x PCI Express Full-size Mini Card Slot

DuraPANEL - Front

Display size:	23,6 inch 16:9 LCD (TFT)
Resolution:	1920 x 1080
Active area:	521 x 293 mm
View angle:	89° (T/B), 89° (L/R) (typical)
Luminance:	250 Cd/m² (typical)
Contrast ratio:	3000:1 (typical)
Front glass:	Anti glare Hardness 3H
Protection:	IP65 (flush mount)
Touch:	Optional PCAP Multitouch

DuraPANEL - Power

Standard:	90-264Vac. 50-60Hz Input
Automotive:	18-36VDC <i>Optional Dual power, combined AC and DC input</i>

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
Marine:	IACS E10 Rev. 5 & IEC 60945 Ed. 4 IEC 61174 / IEC 62288 / IEC 62388

DuraPANEL - Dimensions

Size:	593 (W) x 384,1 (H) x 68mm (D)
Weight:	App. 12 kg.
Bracket:	Desk/ceiling-and wall-bracket with IP 22 rear-cover available (optional extra)