

DuraPANEL 12,1”



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
- Approved for Bridge use
- Intel® Celeron® Processor 2980U
- Up to 16GB DDR3L RAM
- Quad Gb LAN
- Cool operation thermal design
- Dual DC PSU
- Pcap Touch
- Ambient Light sensor

Specifications

DuraPANEL - General

CPU:	Intel® Celeron® Processor 2980U (2M Cache, 1.60 GHz) (2 Cores / 2 Threads)
Memory:	2 x SODIMM sockets with 1x 4GB DDR3L 1600MHz mounted <i>Up to 16GB DDR3L SODIMM</i>
Primary Disk Drive:	80GB Intel® S3500 SSD SATA <i>Optional sizes 120GB / 340GB SSD SATA</i>
Optional Secondary Disk Drive (Removable):	80GB Intel® S3500 SSD SATA (optional) <i>Optional sizes 120GB / 160GB / 240GB / 300GB ... 800GB SSD SATA</i>
Video:	Intel® HD Graphics controller on-CPU <i>DirectX* 11 and OpenGL 4.0 compliant Dual Independent display capable</i>
External Video out:	1 x DVI-I video output connector
Audio:	Built-in Buzzer (75-85 dB(A) / 1m)
Ethernet:	4 x 10/100/1000 Mbits/s Ethernet LAN on-board, (RJ45) with auto-negotiate <i>1 x Intel® I218 and 3 x Intel® I210AT</i>
USB:	4 x USB 3.0 (max 0,5 Amp per USB, max 5 Watt total)
COM:	1 x RS232/422/485 (configurable)
OS:	Windows 7, Windows 8, Windows 10, Linux

DuraPANEL - Front

Display size:	12,1 inch 16:10 LCD (TFT), MVA technology
Resolution:	1280 x 800
Active area:	261 x 163 mm
View angle:	88° (T/B), 88° (L/R) (typical)
Luminance:	400 Cd/m ² (typical) <i>Optional Ambient light sensor</i>
Contrast ratio:	1000:1 (typical)
Touch:	Pcap multi touch (internal USB interface)
Front glass:	Anti Reflection
Protection:	IP56 (from front, when mounted) IP22 (from rear)

DuraPANEL - Power

Standard:	18-34VDC Dual Galvanic isolated
Power Consumption:	P _{typ} = 20 Watts, P _{max} = 25 Watts

DuraPANEL - Environmental

Operating Temperature:	-15 to +55 °C
Storage Temperature:	-25 to +70 °C
Relative Humidity:	8 to 95 % (non-condensing)

DuraPANEL - Approvals

Marine:	IACS E10 Rev. 6 & IEC 60945 Ed. 4
Certificates:	MR certificate <i>For marine class approvals – see www.isic-systems.com</i>

DuraPANEL - Dimensions

Size:	313 mm (W) x 217 mm (H) x 72 mm (Depth behind bezel)
Weight:	App. 4 kg.
Optional Bracket:	Desk/ceiling-and wall-bracket (VESA 75x75mm)