

DuraPANEL 12,1"



SCIGATE AUTOMATION (S) PTE LTD

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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
- DC PSU
- PCAP Touch
- Optional Ambient Light sensor
- LED Backlight

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, 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:	10 finger PCAP touch (internal USB interface)
Front glass:	Anti Reflection
Protection:	IP56 (from front, when mounted) IP22 (from rear)

DuraPANEL - Power

Standard:	18-34VDC Galvanic isolated <i>Optional Dual input DC power, Galvanic isolated</i>
Power Consumption:	P _{typ} = 22 Watts, P _{max} = 42 Watts

DuraPANEL - Environmental

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

DuraPANEL - Approvals

CE Mark:	EN61000-6-2
Marine:	IACS E10 Rev. 6 & IEC 60945 Ed. 4
Shock:	±5G, 10ms in accordance with IEC 60068-2-27
Certificates:	DNV MR certificate

DuraPANEL - Dimensions

Size:	396 mm (W) x 256 mm (H) x 63.5 mm (Depth behind bezel)
Weight:	App. 5 kg.
Optional Bracket:	Desk/ceiling-and wall-bracket (VESA 75x75mm)