

DuraPANEL 7"



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 J1900
- Up to 8GB DDR3L RAM
- Quad Gb LAN
- Cool operation thermal design
- Dual DC PSU
- PCAP Touch
- Ambient Light sensor

Specifications

DuraPANEL - General

CPU:	Intel® Celeron® Processor J1900, 2.42 GHz (4 Cores / 4 Threads)
Chipset:	Intel® processor Core, Graphics, Memory Controller, and I/O interfaces in a single system-on-chip (SOC) solution
Memory:	1 x SODIMM sockets with 1x 4GB DDR3L 1600MHz mounted <i>Up to 8GB DDR3L SODIMM</i>
Hard Disk Drive:	80GB Intel® S3500 SSD SATA <i>Optional sizes available</i>
Video:	Intel® HD Graphics controller on-CPU <i>DirectX® 11 and OpenGL 4.0 compliant</i> <i>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>2 x Intel and 2 x Realtek</i>
USB:	2 x USB 2.0 (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:	7 inch LCD (TFT), IPS technology
Resolution:	800 x 480
Active area:	152 x 91 mm
View angle:	89° (T/B), 89° (L/R) (typical)
Luminance:	450 Cd/m ² (typical) <i>Ambient light sensor</i>
Contrast ratio:	800:1 (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:	$P_{typ} = 10 \text{ Watt}$, $P_{max} = 15 \text{ Watt}$

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

DuraPANEL - Dimensions

Size:	218 (W) x 147mm (H) x 59mm (Depth behind bezel)
Weight:	App. 2 kg.
Optional Bracket:	Desk/ceiling-and wall-bracket (VESA 75x75mm)