

>> ABC P-10T – 10,1“ Touch Industrial Panel

Panel PCs established themselves in the IT industry as valuable all-rounders and all-in-one PCs.

Whether as a simple status display, as a control panel or even as a fully-fledged machine control system, are Panel PCs no longer indispensable from our factory halls.

ABC panels convince with their compactness and reliability.

The industry panels are ready for WinCC RT and can be configured under Siemens TIA. They are available in sizes from 10.1 to 21.5 inches.

With various equipment options, the panels ensure a very wide range of applications.

Features & Benefits:



- Ready for SIMATIC WinCC RT and TIA
- Aluminum die casting chassis, Fanless design
- 10.1" LED TFT LCD, capacitive/ resistive touch
- Intel® Baytrail Celeron J1900 CPU
- 1 x DDR3L 1333MHz SODIMM, 4GB
- 2 x Mini PCIe (PCIe+USB and mSATA)
- 2 x COM, 2 x LAN, 1 x USB3.0, 3 x USB2.0
- 1 x 2,5" HDD Bay, 1 x mSATA
- 1 x HDMI, 2 x 2W Speaker
- DC 9~24V Power input

Technical data

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System		
CPU	Intel® Baytrail Celeron J1900 2.0- 2.42GHz,	
Chipset	Intel® SOC	
System memory	1 x DDR3L 1333MHz SODIMM, 4GB	
BIOS	Insyde SPI 64Mbit flash	
Storage	1 x 2.5" SATA HDD bay, support SATA3 6Gbps HDD/SSD, 1 x mSATA	
Display	10.1" LED TFT LCD und HDMI, Intel® HD Graphics, support Intel® Quick Sync Video	
Touch	5-wire resistive touch, optional projected capacitive touch, USB control	
Expansion	1 x Mini PCIe full size with PCIe & USB signal; 1 x mSATA full size	
Real I/O	2 x COM: 1 x RS232, 1 x RS232/422/485, DB9 connector, 1 x USB3.0 Type A, 3 x USB2.0 Type A, 1 x HDMI, 1*Line out; 2 x RJ45	
Camera	optional 1 x 5M web-camera (front)	
LAN	Intel® I211AT controller, 10/100/1000 Mbps	
Audio	Realtek ALC282 Audio-Codec integrated, 2 x 2W speaker inside	
Control SW/LED	1 x Power button with LED, 1 x HDD LED	
Power Supply	DC: 9-24V input, 4-pin M12 connector, consumption: TDP12V/1.35A (4G RAM 500G HDD)	
OS	Windows 7, Windows 8.1, Windows 10, Linux	
Mechanical & Environmental		
Construction	Aluminum die-casting front bezel, fin-shaped radiator shell	
Operating temperature	0~50°C -HDD, -10~55°C -SSD, with airflow	
Storage temperature	-20~60°C	
Storage humidity	10~95%@40°C, non-condensing	
Schock	10g peak acceleration (duration 11ms), in operating with HDD	
Vibration	1g 5~500Hz, in operating with HDD	
Mounting	Panel mounting, VESA 75*75mm	
Dimension	(W*H*D):275x193x51mm; mounting cut out (W*H): 271x189mm	
Net weight	1,80 kg	
EMC	CE, FCC Class A	
LCD		
Type	IE10.1"TFT LED Backlight	
Resolution	1280*800	
Color	16.7M	
Pixel Pitch (mm)	0.1695*0.1695	
Brightness (cd/m2)	350	
Viewing Angle	85 degree (left), 85 degree (right), 85 degree (up), 85 degree (down)	
Operating temperature	-20~70°C	
Backlight Lifetime	15000 hours	
Touch		
Type	5 wire resistive touch	Projected capacitive touch
Resolution	gapless	gapless
Light transmittance	83%	90 %
Interface	USB	USB
Consumption	+ 5V @200mA	+ 5V @300mA
OS	Windows, Linux	Windows, Linux
Click Lifetime	15 million times	3 billion times