



// ABC P-17T - 17,0" 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.

You can find the latest software updates and prices on: www.abcit.eu

BENEFITS & FEATURES

- Ready for SIMATIC WinCC RT und TIA
- Aluminum die-casting chassis, Fanless design
- 17.0" LED TFT LCD, resistive touch
- Intel® Skylake-U
- 1 x DDR4 2133 SODIMM, 4GB till max.16GB
- 1 x Mini PCIe (PCIeX1 + USB)
- 2/4 x COM, 2 x LAN, 4 x USB3.0, 1 x USB2.0
- 1 x 2,5"HDD Bay, 1 x M.2
- ATX button and remote button
- DC 9~36V power input

TECHNICAL DATA

SYSTEM

CPU	6. Gen. Intel® Skylake-U Celeron: 3855U; Core-U: I3-6100U; I5-6200U; I7-6500U
Chipset	Intel® SOC
Systeme Memory	1 x DDR4 2133 MHz SODIMM, 4GB till max. 16GB
BIOS	Insyde SPI 64Mbit flash
Storage	1 x 2.5" SATA HDD bay, support SATA3.0 6Gbps HDD/SSD, 1 x M.2 (2242 B-Key)
Display	17" LED backlight TFT LCD and HDMI (4K resolution), Intel® HD Graphics 510/520

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TECHNICAL DATA

SYSTEM

Touch	resistive touch, optional projected capacitive touch
Expansion	1 x Mini PCIe (PCIe & USB Signal)
Real I/O	2 x COM: 2x RS232, 2 x RS232/422/485, DB9, 4 x USB3.0 Type A, 1 x HDMI, 2 x LAN, RJ45
LAN	2 x Intel® I210AT chip, 10/100/1000 Mbps
Control SW/LED	Power button, 2-pin connector with power switch signal, Power LED and HDD LED
Power Supply	DC to DC: 9-36V input, consumption: TDP 12V/2.95A
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
Shock	10g peak acceleration(duration 11ms), in operating with HDD
Vibration	1g 5~500Hz, in operating with HDD
Mounting	Panel mounting, VESA 100 x 100mm
Dimension	(W x H x D): 415,5 x 360,5 x 59mm; mounting cut out(W x H): 407 x 352mm
Weight	6,1 kg
EMC	CE, FCC Class A

LCD

Type	17.0" TFT LED
Resolution	1280 x 1024
Color	16.2M
Pixel Pitch (mm)	0.297 x 0.297
Brightness (cd/m2)	350
Viewing Angle	80 Degree (left), 80 Degree(right), 80 Degree(up), 80 Degree(down)
Operating Temperature	-20~70°C
Backlight Lifetime	50000 hours

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TECHNICAL DATA

TOUCH	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	35 million times	3 billion times