

15.6" Panel-PC Serie-2B1

Intel® Core™ i3 / i5 / i7 up to 10th Gen.



- 15.6" TFT-LCD, 1920 x 1080 pixels
- Processor: Intel® Core™ i3 / i5 / i7 up to 10th Gen.
- Die-cast aluminium housing
- Flush frame design, IP65 on the front
- Fanless cooling system

<https://www.wachendorff-electronics.com/PPC005-156B1>

Description

Wachendorff Panel-PC Series-2

The Wachendorff Panel-PC Series-2 are available in display sizes ranging from 10" to 21.5" and can be equipped with projected capacitive, resistive or no touch. The projected capacitive touch display enables multi-touch operation with an appropriate operating system. If pressure-sensitive operation is required (e.g. with gloves), the resistive touch is the right choice. You can choose from a variety of different processors, from the energy-efficient Intel® Celeron® J4125 to a 12th generation Intel® Core™ i7. Integrate up to 64 GB of RAM to meet the most demanding requirements. Particularly noteworthy is the especially narrow display edge, which enables an almost frameless design. The housings are IP65 rated at the front and have a very compact and robust design thanks to the specially constructed aluminum housing. The unique fanless thermal design of the die-cast aluminum housing enables effective temperature control.

Product details

Power supply:	Hollow connector 5.5 x 2.5 mm: 12 VDC to 36 VDC Screw terminal: 12 VDC to 36 VDC
Power consumption:	i3 / i5 / i7 der 6. und 7. Gen. max. 95W i3 / i5 / i7 der 8. und 10. Gen. max. 105W
Display:	15.6" TFT-LCD
Resolution:	1920 x 1080 Pixel
Aspect ratio:	16:9
Brightness:	300 cd/m ² 1000 cd/m ² (High Brightness)
Colours:	16,7 M
Reading angle:	85/85/85/85 (L/R/U/D)
Touchscreen:	• Projected capacitive touch • Resistive touch • without touch
Glas hardness:	• 6H Projected capacitive touch • 3H Resistive touch • 7H without touch
Processor:	Intel® Core™ i3-6100U (2.3 GHz), Intel® Core™ i5-6200U (2.7 GHz), Intel® Core™ i7-6500U (2.8 GHz), Intel® Core™ i5-7200U (3.1 GHz), Intel® Core™ i7-7500U (3.5 GHz), Intel® Core™ i3-8145U (3.9 GHz), Intel® Core™ i5-8265U (3.9 GHz), Intel® Core™ i7-8565U (4.6 GHz), Intel® Core™ i3-10110U (4.1 GHz), Intel® Core™ i5-10210U (4.2 GHz), Intel® Core™ i7-10510U (4.9 GHz)

RAM:	Max. 32GB DDR4 für Intel® Core™ bis 7. Gen. Max. 64GB DDR4 für Intel® Core™ ab 8. Gen.
SSD/HDD:	Max. 1 TB
I/O-ports:	USB: 2 x USB 2.0 type A, 2 x USB 3.0 type A 6-pin screw terminal: 2x RS-232 (up to 12 inches) 12-pin screw terminal: 2x RS-232, 1x RS-485, 3x GPIO (from 15 inches) Ethernet: 2x RJ-45 Gigabit Ethernet Display: 1x HDMI, 1x VGA Audio: 1x audio out, 3.5 mm jack Sim Card Slot: Standard SIM (standard without function) WLAN: 1x 802.11 abgn/ac/d/e/i/h/w Bluetooth: 1x Bluetooth 4.0
Expansion slots:	None
Housing:	Die-cast aluminium housing
Mounting:	VESA 75 x 75, VESA 100 x 100 Panel mount
Protection class:	IP65 on the front
Dimensions (WxHxD):	406 mm x 260 mm x 67,5 mm
Weight:	Approx. 4 kg
Certification:	CE, RoHS, FCC, REACH
Environmental conditions:	Operation: -10 °C to +60 °C Optional WT: -20 °C to +70 °C High Brightness: -20 to +70 Storage: -20 °C to +70 °C 95 %, non-condensing
Operating system:	Windows® 10 IoT Windows® 11 IoT
Options:	LTE
Packing list:	1 x device 1 x Mounting material
Tariff number:	8471 41 00
Manufacturer:	Wachendorff Prozesstechnik GmbH & Co. KG

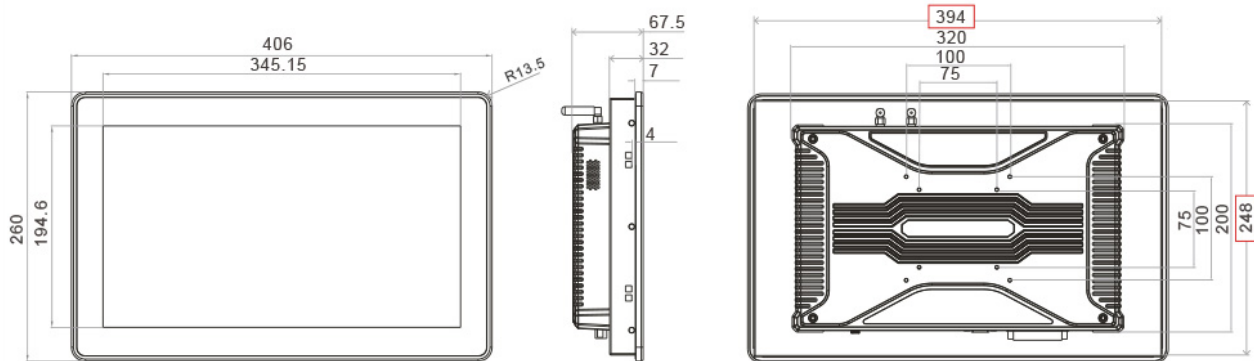
Products Order no.

PPC005-156B1	15.6 inch Industrial Panel PC Series-2B1, aluminum housing, Intel Core 6th - 10th Gen.
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Accessories Order no.	
PPC-PWRADAP_02_24VDC4A	External power supply unit for Intel Core 8./10. Gen. Panel-PC, 230VAC to 24VDC, hollow connector and C14 Stecker
PPC-PWRCRD_01	Mains cable / connection cable E+F CEE 7/7 to C13 1.5 m
PPC-Stand_01	Industrial monitor/display stand, VESA 100x100, black
PPC-Stand_02	Industrial monitor/display stand, VESA 100x100, silver
PPC-WALL-VESA-01	VESA wall mount metal, 75 x 75, 100 x100, black, including screw accessory pack

Drawings

Abmessungen (mm) and STL-Data/Viewer:



Schnittstellenposition kann abweichen. Für genauere Information bitte die Produktfotos beachten.
Interface position may vary. Please refer to the product photos for more detailed information.



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