17.3 inch Panel PC Series-1A1
Intel® Celeron® J4125

- 17.3" TFT LCD, 1920 x 1080 pixels
- Processor: Intel® Celeron® J4125
- Die-cast aluminum housing
- Flush frame design, IP65 front side
- Fanless cooling system

https://www.wachendorff-electronics.comPPC002-173A1

Description

WACHENDORFF Series-1 Panel PC

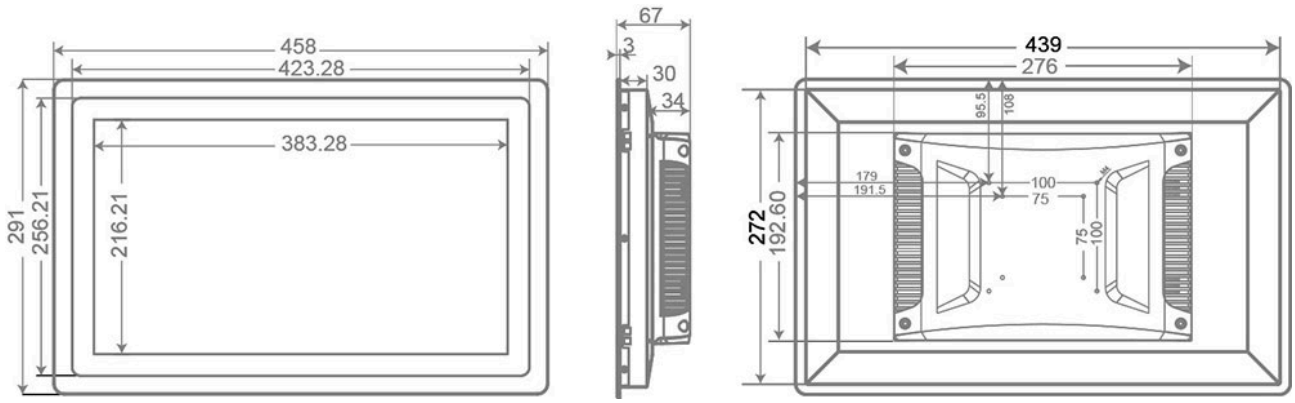
The WACHENDORFF Series-1 industrial panel PCs are available in display sizes ranging from 10" to 23.8" and can be equipped with projected capacitive, resistive or no touch. The projected capacitive touch enables multi-touch operation with an appropriate operating system. If pressure-sensitive operation 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 10th generation Intel® CoreTM i7. Integrate up to 64 GB of RAM to meet the most demanding requirements. The front panels are absolutely flush with the die-cast aluminum housing. The housing is IP65 rated. 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 2 pin connector: 12 VDC to 36 VDC
Power consumption:	max. 70W
Display:	17.3" TFT LCD
Resolution:	1920 x 1080 pixels
Aspect ratio:	16:9
Brightness:	300 cd/m² 1000 cd/m² (High Brightness)
Colors:	16,7 M
Reading angle:	80/80/60/80 (L/R/U/D)
Touch screen:	• Projected capacitive touch • Resistive touch • without touch
Glass hardness:	• 6H Projected capacitive touch • 3H Resistive touch • 7H without touch
Processor:	Intel® Celeron® J4125 (2.70 GHz)
RAM:	Max. 8GB DDR4
SSD/HDD:	Max. 1 TB
Interfaces:	USB: 2 x USB 2.0 type A, 2 x USB 3.0 type A Serial: 2x RS-232 DB-9 Ethernet: 2x RJ-45 Gigabit Ethernet, galvanically isolated Display: 1x HDMI, 1x VGA Audio: 1x audio out, 3.5 mm jack Sim Card Slot: Standard SIM (without function as standard) WLAN: 1x 802.11 abgn/ac/d/e/i/h/w Bluetooth: 1x Bluetooth 4.0
Expansion slots:	None
Housing:	Die-cast aluminum housing
Assembly:	VESA 75 x 75, VESA 100 x 100 Panel mounting
Protection class:	IP65 on the front
Dimensions (WxHxD):	458 mm x 291 mm x 67 mm
Weight:	approx. 4.5 kg
Certifications:	CE, RoHS, FCC, REACH
Ambient conditions:	Operation: -10 °C to +60 °C, Optional WT: -20 °C to +70 °C High Brightness: 0 °C to +70 °C Storage: -20 °C to +70 °C Up to 95 % r. h., non-condensing
Operating systems:	Windows® 10 IoT Windows® 11 IoT
Options:	LTE -20 °C to +70 °C (optionally customizable)
Scope of delivery:	1 x device 1 x Mounting material 1 x installation instructions
Customs tariff number:	8471 41 00
Manufacturer:	Wachendorff Prozesstechnik GmbH & Co. KG

Drawings

Dimensions (mm) and STL file/viewer:



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