

## 15.6 inch Panel PC ARCHMI-916AP



- 15.6" TFT LCD, 1366 x 768 pixels
- Projected capacitive touch
- Processor: Intel® Core™ i3-6100U / i5-6300U
- Fanless cooling system
- Reading angle horizontal 160°, vertical 160°

<https://www.wachendorff-prozesstechnik.de/en/ARCHMI-916AP>

### Description

The ARCHMI-9A series is based on a 6th generation Intel® Core™-i processor.

This very powerful and efficient processor family provides sufficient computing power for medium and large applications. The RAM can be expanded to up to 16 GB, enabling more extensive projects such as SCADA or IIoT monitor control applications. The Panel PCs in this series are available in display sizes from 12.1" to 32", with either projected capacitive or resistive touch. The projected capacitive touch enables multi-touch operation with a corresponding operating system. If pressure-sensitive operation is required (e.g. with gloves), the resistive touch is the right choice. The front panels are absolutely flush with the die-cast aluminum housing. The housing is IP66 rated. The unique fanless thermal design of the die-cast aluminum housing enables effective temperature control. The ARCHMI IPC can be optionally equipped with a high-brightness LCD and/or optical bonding for an outstanding display, even under difficult conditions. In addition, expansion cards for further interfaces or WLAN can be integrated.

### Product details

Power supply:	9 VDC to 36 VDC
Power consumption:	max. 52 W
Display:	15.6" TFT LCD
Resolution:	1366 x 768 pixels
Aspect ratio:	16:9
Brightness:	300 cd/m <sup>2</sup> 1000 cd/m <sup>2</sup> (optional high-brightness LCD)
Colors:	16.7 million
Touch screen:	Projected capacitive touch
Processor:	Intel® Core™ i3-6100U (2.3 GHz) Intel® Core™ i5-6300U (3.0 GHz)
RAM:	up to 16 GB DDR4 2133 MHz SO-DIMM 2Rx8
SSD/HDD:	1 x SATA3 2.5"
Interfaces:	USB: 2 x USB 3.0 type A Serial: COM1: RS232 / RS422 / RS485; COM2: RS232 Ethernet: 2x GbE 10/100/1000 Base T (X), RJ45 Audio: 3.5 mm jack Power supply: pluggable 3-pin terminal strip On/off switch: optional plug-in 2-pin terminal strip, see accessories IPC_DIO_2P

Expansion slots	1 x Mini PCIe full height (internal)
Housing:	Die-cast aluminum
Assembly:	VESA 100 x 100; panel mounting
Protection class:	IP66 on the front
Dimensions (WxHxD):	412 mm x 277.5 mm x 58.9 mm
Weight:	approx. 4.5 kg
Ambient conditions:	Operation: 0 °C to +50 °C ; Storage: -30 °C to +70 °C 10% to 90 %rH, non-condensing.
Certifications:	CE/FCC Class A
Operating systems:	Windows® 10 IoT Linux
Options:	VGA HDMI  4 x USB 2.0 2 x USB 2.0 + 1 x COM (RS-232) 2 x USB 2.0 + 1 x COM (RS-232) + 1 x power button 2 x USB 2.0 + 1 x COM (RS-232) + 1 x power button + 1 x Mini PCIe + 1 x SIM card slot 2 x USB 2.0 + 1 x Mini PCIe + 1 x SIM card slot 2 x USB 2.0 + 1 x LAN 2 x USB 2.0 + 2 x CAN + 1 x Mini-Pcie + 1 x SIM card slot 2 x COM (RS-232) 2 x COM (RS-232) + 1 x Mini-Pcie + 1 x SIM card slot 2 x COM (RS-232/RS-485, isolated)  WLAN 2.4GHz, BT4 WLAN 2.4GHz, 5GHz, BT4  Optical bonding High Brightness Display Smart Battery
Scope of delivery:	Device 1 x power supply unit 1 x mounting material
Customs tariff number:	84715000
Manufacturer:	Aplex Technology Inc.

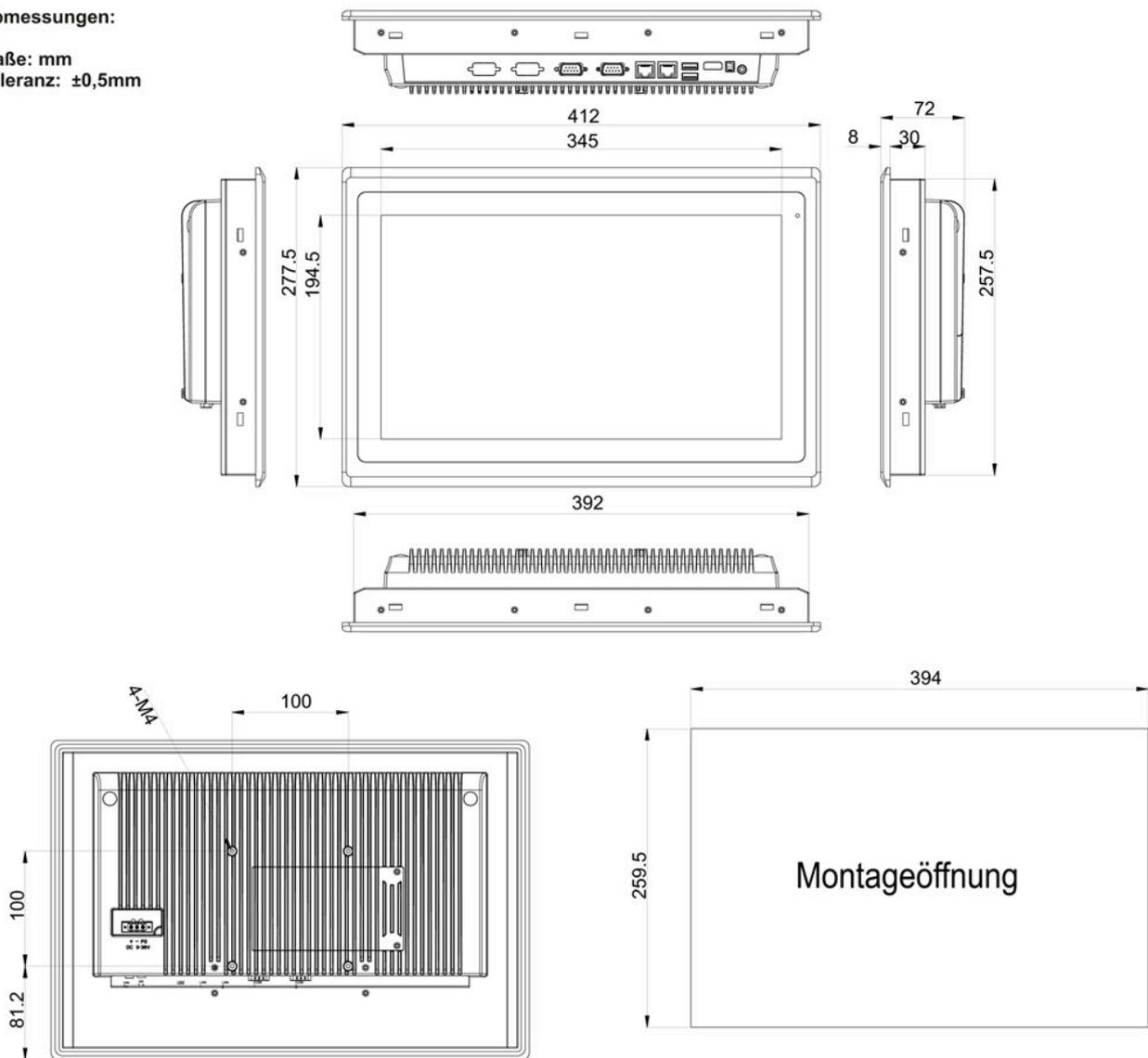
**Drawings**

**Dimensions (mm):**

**Abmessungen:**

**Maße: mm**

**Toleranz: ±0,5mm**





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