

19 inch Panel PC ARCHMI-919AR



- 19" TFT LCD, 1280 x 1024 pixels
- resistive touch
- Processor: Intel® Core™ i3-6100U / i5-6300U
- Fanless cooling system
- Horizontal viewing angle 170°, vertical 165°

<https://www.wachendorff-prozesstechnik.de/en/ARCHMI-919AR>

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 IPCs can be optionally equipped with a high-brightness LCD and/or optical bonding for an outstanding display, even under difficult conditions. Expansion cards for additional interfaces or WLAN can also be integrated.

Product details

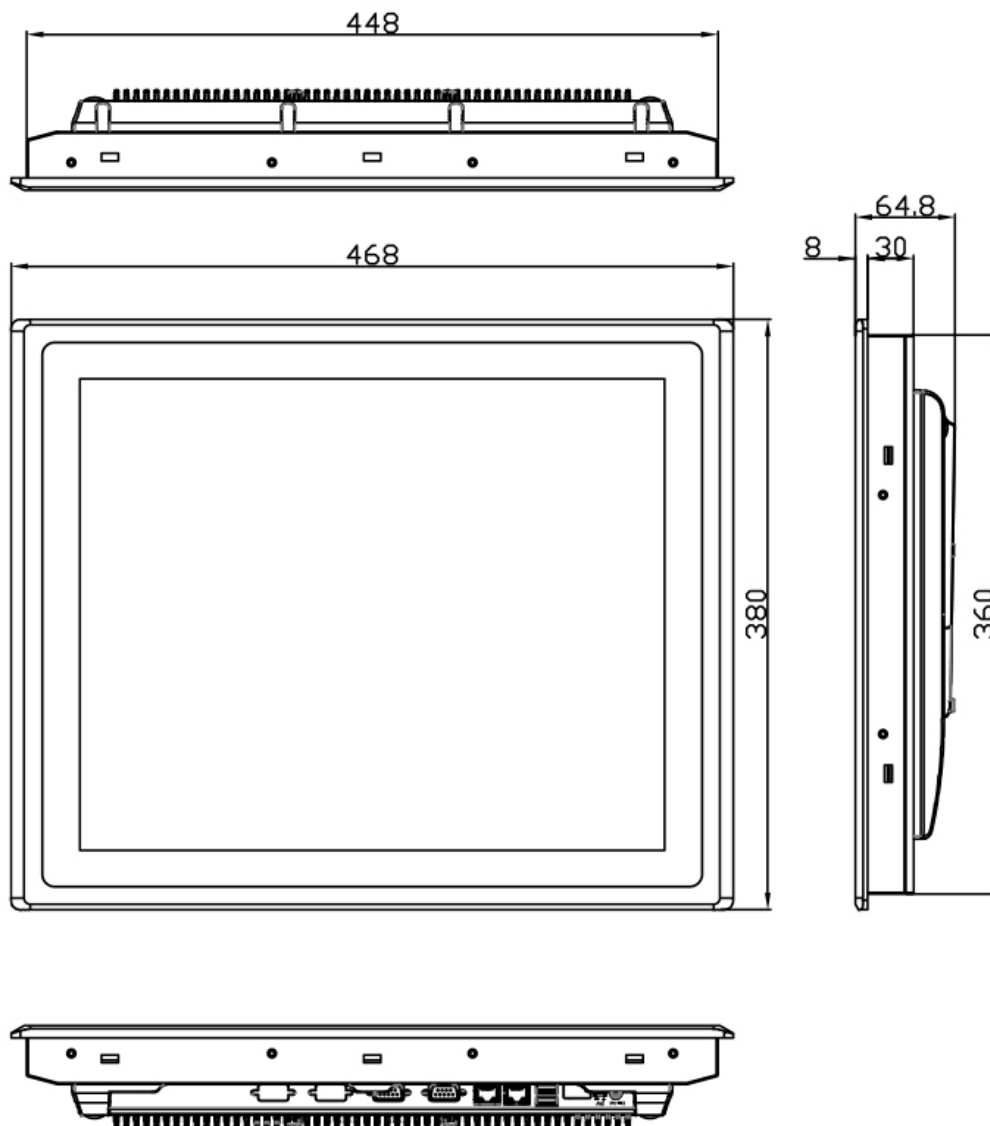
Power supply:	9 VDC to 36 VDC
Power consumption:	max. 60 W
Display:	19" TFT LCD
Resolution:	1280 x 1024 pixels
Aspect ratio:	5:4
Brightness:	350 cd/m ² 1000 cd/m ² (optional high-brightness LCD)
Colors:	16.7 million
Reading angle:	H: 170° / V: 165° H: 170° / V: 160° (optional high-brightness LCD)
Touch screen:	resistive 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: plug-in 3-pin terminal strip On/off switch: plug-in 2-pin terminal strip
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):	468 mm x 380 mm x 64.8 mm
Weight:	approx. 7.3 kg
Ambient conditions:	Operation: 0 °C to +50 °C ; Storage: -30 °C to +70 °C 10% to 90 %r.H, 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

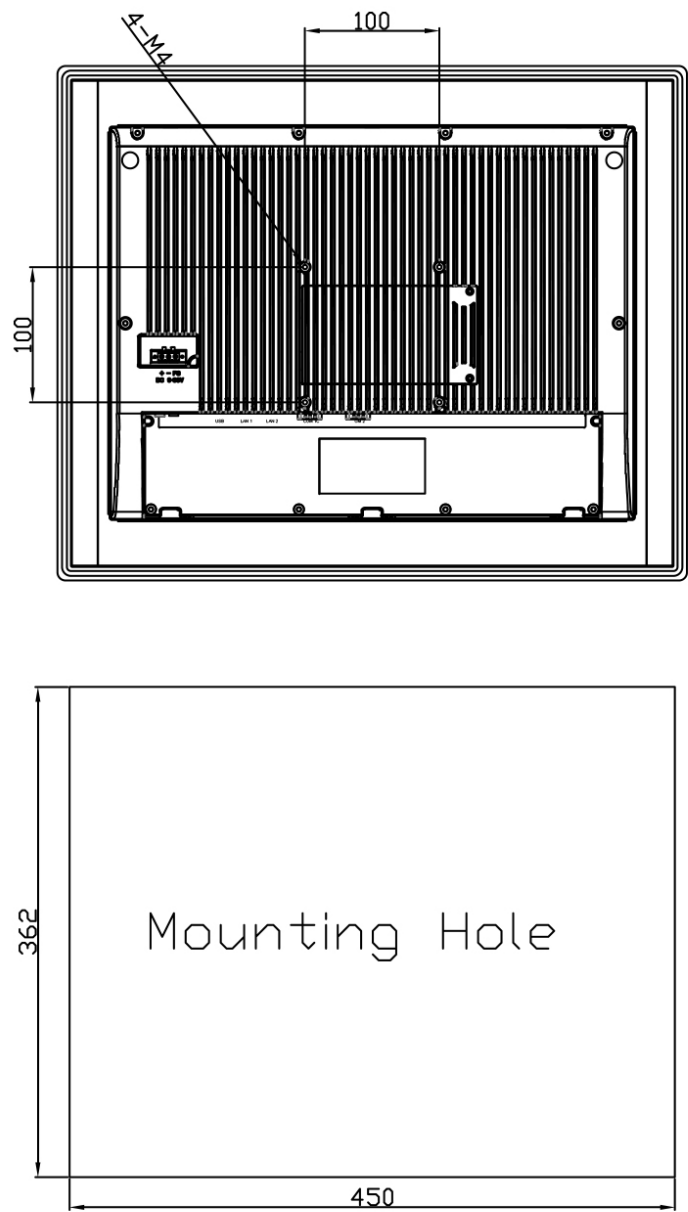
Dimensions 01 (mm):



UNIT: mm
Tolerance: ± 0.5

Drawings

Dimensions 02 (mm):





Wachendorff Prozesstechnik GmbH & Co. KG
Industriestrasse 7 • 65366 Geisenheim
Germany

Phone: +49 (0) 67 22 / 99 65 - 20
E-Mail: wp@wachendorff.de
www.wachendorff-prozesstechnik.de

