17 inch Panel PC ARCHMI-817AR



- 17" TFT LCD, 1280 x 1024 pixels
- resistive touch
- Processor: Intel® Pentium® N4200 (2.5 GHz)
- Fanless cooling system
- Horizontal viewing angle 170°, vertical 160

https://www.wachendorff-prozesstechnik.de/en/ARCHMI-817AR

Description

The ARCHMI-8A series is based on an Intel® Pentium® N4200 processor with 2.5 GHz.

The industrial panel PCs in this series are available in display sizes ranging from 7" to 21.5", 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 can be integrated for additional interfaces, WLAN or even the supply of the panel PC via Power over Ethernet (POE). This high-performance yet highly energy-efficient processor family is used, for example, in factory automation, remote data acquisition and in the most common industrial applications.

Product details

Power supply:	9 VDC to 36 VDC
Power consumption:	tba
Display:	17" TFT LCD
Resolution:	1280 x 1024 pixels
Aspect ratio:	5:4
Brightness:	350 cd/m² 1000 cd/m² (optional high-brightness LCD)
Backlight:	30,000 h runtime 50,000 h runtime (optional high-brightness LCD)
Colors:	16.2 million 16.7 million (optional high-brightness LCD)
Reading angle:	H: 170° / V: 160°
Touch screen:	resistive touch
Processor:	Intel® Celeron® N3350 (2.4 GHz) (optional) Intel® Pentium® N4200 (2.5 GHz)
RAM:	up to 8 GB DDR3L 1866 MHz onboard
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) 1 x SIM card / micro SD slot
Housing:	Die-cast aluminum
Assembly:	VESA 100 x 100; panel mounting
Protection class:	IP66 on the front
Dimensions (WxHxD):	439 mm x 348 mm x 64.8 mm
Weight:	approx. 5.1 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 + 1 x LAN + 1 x 45 W POE 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 (only without interface extension)
Scope of delivery:	Device 1 x power supply unit 1 x mounting material
Customs tariff number:	84715000
Manufacturer:	Aplex Technology Inc.

Products Order no.	
ARCHMI-817AR	17" industrial panel PC, resistive touch

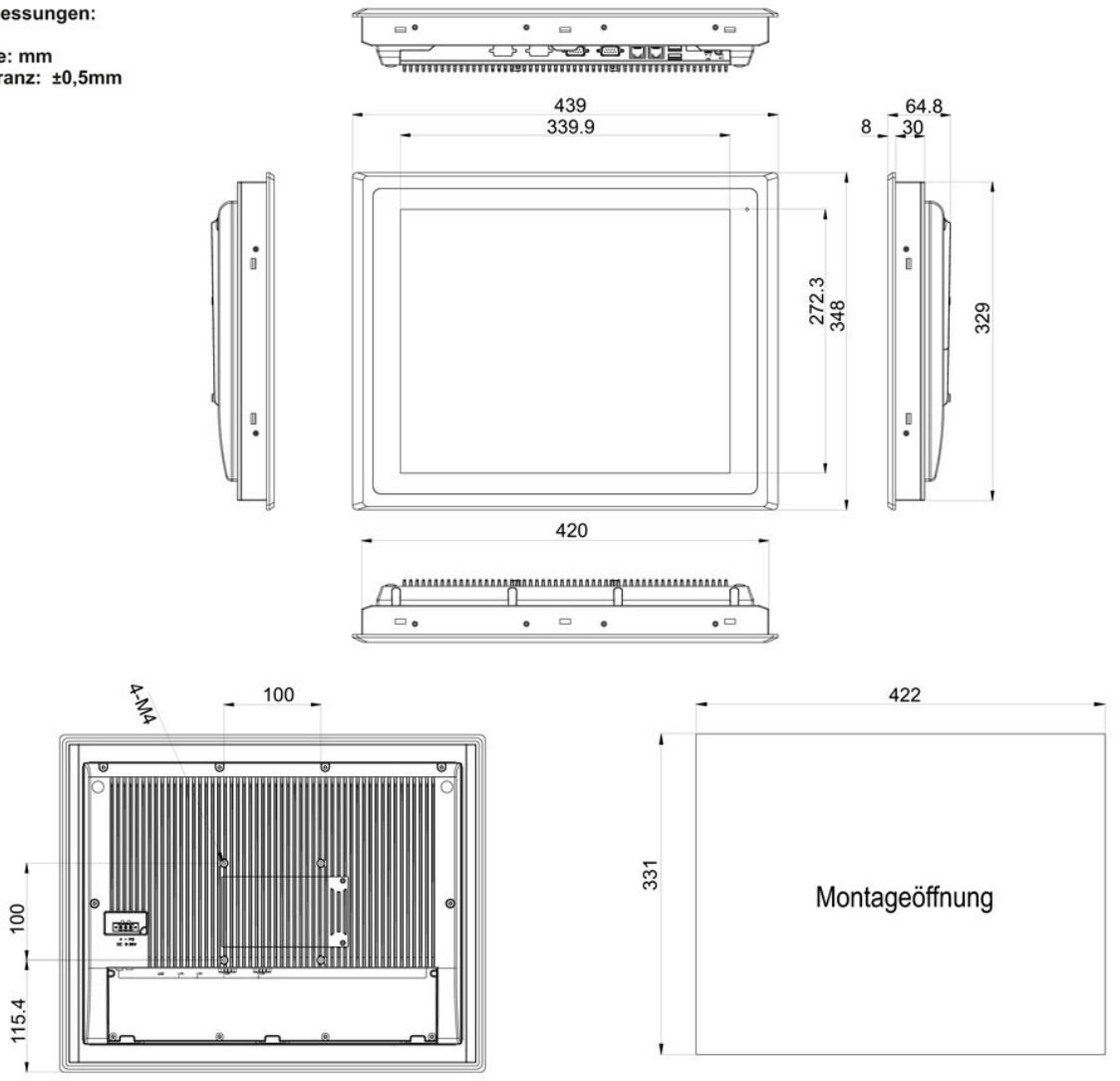
Accessories Order no.	
ETHSWG8C1	8-port Ethernet switch, Gigabit, unmanaged
KABETH10	Patch cable, RJ45 UTP CCA, CAT5e white, 0.3 m
KABETH11	Patch cable, RJ45 UTP CCA, CAT5e white, 1 m
KABETH12	Patch cable, RJ45 UTP CCA, CAT5e white, 2 m
IPC_DIO_2P	2-pin connector plug, digital input

Drawings

Dimensions (mm):

Abmessungen:

Maße: mm
Toleranz: ±0,5mm



WACHENDORFF
Prozesstechnik GmbH & Co. KG

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