

12.1 inch Panel PC ARCHMI-712(P)



- 12.1" SVGA TFT LCD graphics display 800 x 600 pixels
- Processor: Intel® Atom™ N2600 (1M cache, 1.6 GHz)
- Die-cast aluminum housing
- Flush frame design, IP66 front side
- Fanless cooling system
- Reading angle horizontal 160°, vertical 140°

<https://www.wachendorff-prozesstechnik.de/en/archmi-712x>

Description

The ARCHMI-7 series is based on an Intel Atom N2600 1.6 GHz or D2550 1.86 GHz processor.

The industrial panel PCs in this series are available in display sizes 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. Expansion cards for additional interfaces or WLAN can also be integrated. This series is particularly suitable when it comes to implementing simple HMI applications (e.g. browser display) or ensuring the use of an industrial thin client.

Product details

Power supply:	9 VDC to 36 VDC
Display:	12.1" TFT LCD
Resolution:	800 x 600 pixels Option: 1024 x 768 pixels
Brightness:	350 cd/m ²
Colors:	16,2 M
Reading angle:	H: 160° / V: 140°
Touch screen:	analog resistive or projected capacitive
Processor:	Intel® Atom™ N2600 (1.6 GHz) Option: Intel® Atom™ D2550 (1.86 GHz) + upgrade to 4 GB RAM
RAM:	2 GB DDR3 800 MHz onboard Option: Intel® Atom™ D2550 (1.86 GHz) + upgrade to 4 GB RAM
SSD/HDD:	1x SATA2 2.5"
Interfaces:	USB: 2 x USB 2.0 type A Serial: COM1: RS232 / RS422 / RS485; COM2: RS232 Ethernet: 2x GbE 10/100/1000 Base T (X), RJ45 Power supply: pluggable 3-pin terminal strip On/off switch: optional plug-in 2-pin terminal strip, see accessories IPC_DIO_2P

Expansion slots	1x Mini PCIe half height Audio: 3.5 mm jack
Housing:	Die-cast aluminum
Assembly:	VESA 100 x 100; panel mounting
Protection class:	IP66 on the front
Weight:	approx. 2.3 kg
Ambient conditions:	Operation: 0 °C to +50 °C ; Storage: -20 °C to +60 °C 10 % to 90 %r.H, non-condensing.
Certifications:	CE/FCC Class A, CB, UL
Operating systems:	Windows 7 Professional for Embedded Systems (FES) 32 Bit Windows 7 Ultimate for Embedded Systems (FES) 32 Bit Windows Embedded Standard 7 (P) 32-bit
Options:	HDMI 2 x USB 2.0 2 x USB 2.0 + 1x LAN 2 x USB 2.0 + 1x COM 2 x USB 2.0 + 1x HDMI 2 x USB 2.0 + 1x COM + 1x Power Switch + 1x Mini PCIe slot full size 2 x COM 2 x CAN (on request) WLAN 2.4GHz ,BT4 WLAN 2.4GHz, 5GHz, BT4 Optical bonding High Brightness Display High Resolution (12" Upgrade to XGA LCD) Extended temperature range WT1 -20°C to +60°C Extended temperature range WT2 -20°C to +70°C
Scope of delivery:	Device 1 x Mounting material 1 x plug-in power supply unit
Manufacturer:	Aplex Technology Inc.

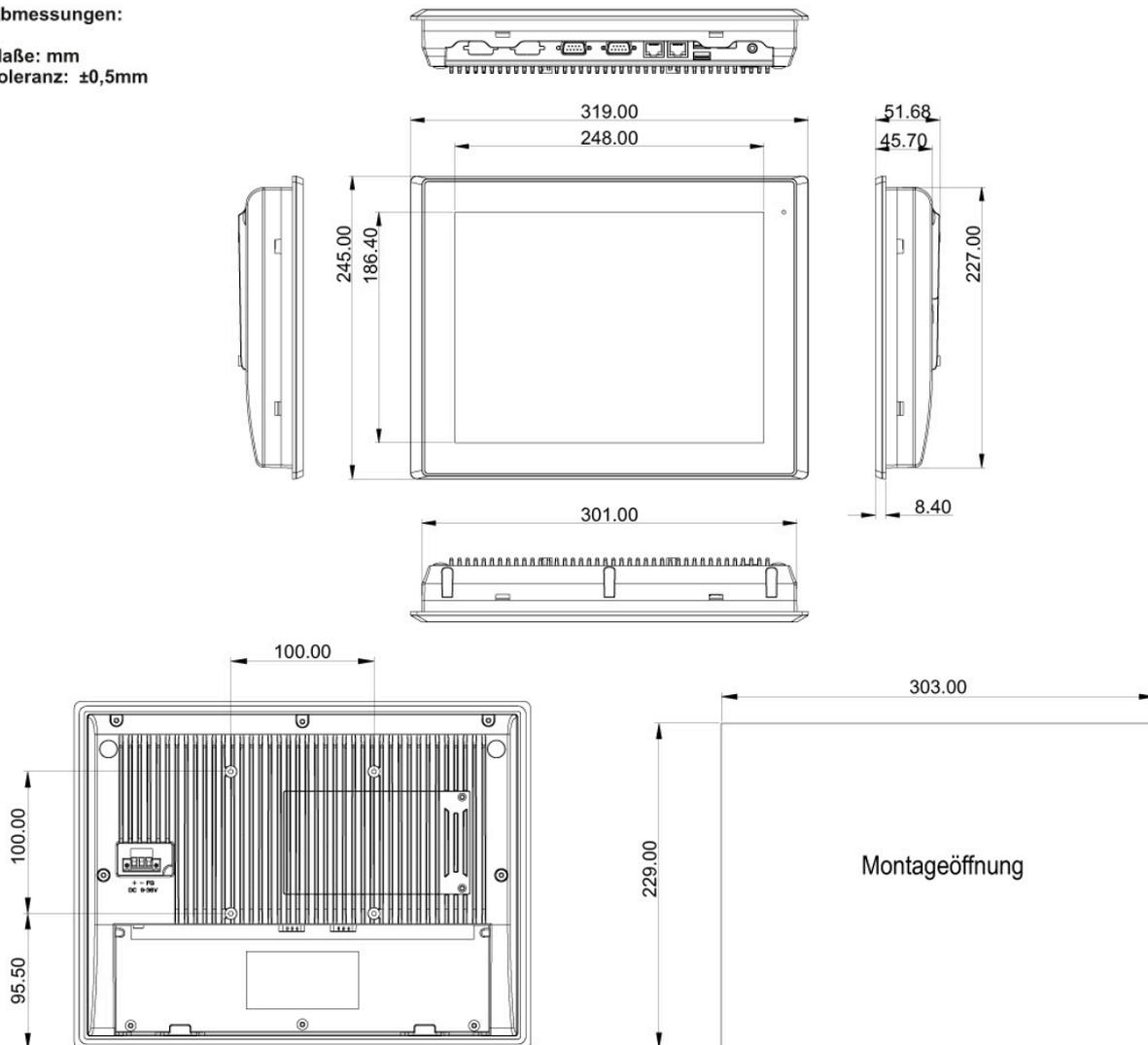
Drawings

Dimensions (mm):

Abmessungen:

Maße: mm

Toleranz: ±0,5mm



Downloads / FAQ

The following files could be downloaded from our website directly from this product under the tab "Drawings":

2D drawing Panel-PC ARCHMI-712

Panel-PC-ARCHMI-X12.dwg



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