15 inch Panel PC FABS-815P suitable for food production

- 15" TFT-LCD, 1024 x 768 pixels
- projected capacitive touch
- Processor: Intel® Celeron® N2930 (1.83 GHz)
- IP66/IP69K-compliant front panel
- EN 1672-2 certification (optional)
- Fanless cooling system
- Reading angle horizontal 160°, vertical 160°

https://www.wachendorff-prozesstechnik.de/en/FABS-815P

Description

The FABS-8 series is based on an Intel® Celeron® N2930 1.83 GHz processor. The DIN EN-1672-2 certified industrial panel PCs in this series, which are therefore suitable for food production, are available in display sizes from 7" to 21.5" and are optionally equipped with touch. The projected capacitive touch enables multi-touch operation. The display is absolutely flush with the stainless steel front panel (type 304). The front has an IP69K (incl. IP66) rating and the fanless thermal design of the robust housing enables effective temperature control. The FABS IPCs can be optionally equipped with a high-brightness LCD and/or optical bonding for an outstanding display, even under the most difficult conditions. In addition, expansion cards can be integrated for additional interfaces, RFID or even the supply of the panel PC via Power over Ethernet (POE).

Product details

Power supply:	9 VDC to 36 VDC
Power consumption:	max. 30 W
Display:	15" TFT LCD
Resolution:	1024 x 768 pixels
Aspect ratio:	4:3
Brightness:	420 cd/m² 1000 cd/m² (optional high-brightness LCD)
Colors:	16.7 million
Reading angle:	H: 160° / V: 160° H: 145° / V: 140° (optional 1024 x 768 pixels)
Backlight:	50.000 h 30,000 h (optional high-brightness LCD)
Touch screen:	Projected capacitive touch
Processor:	Intel® Celeron® N2930 (1.83 GHz)
RAM:	4 GB DDR3L 1600 MHz onboard
SSD/HDD:	1 x SATA2 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

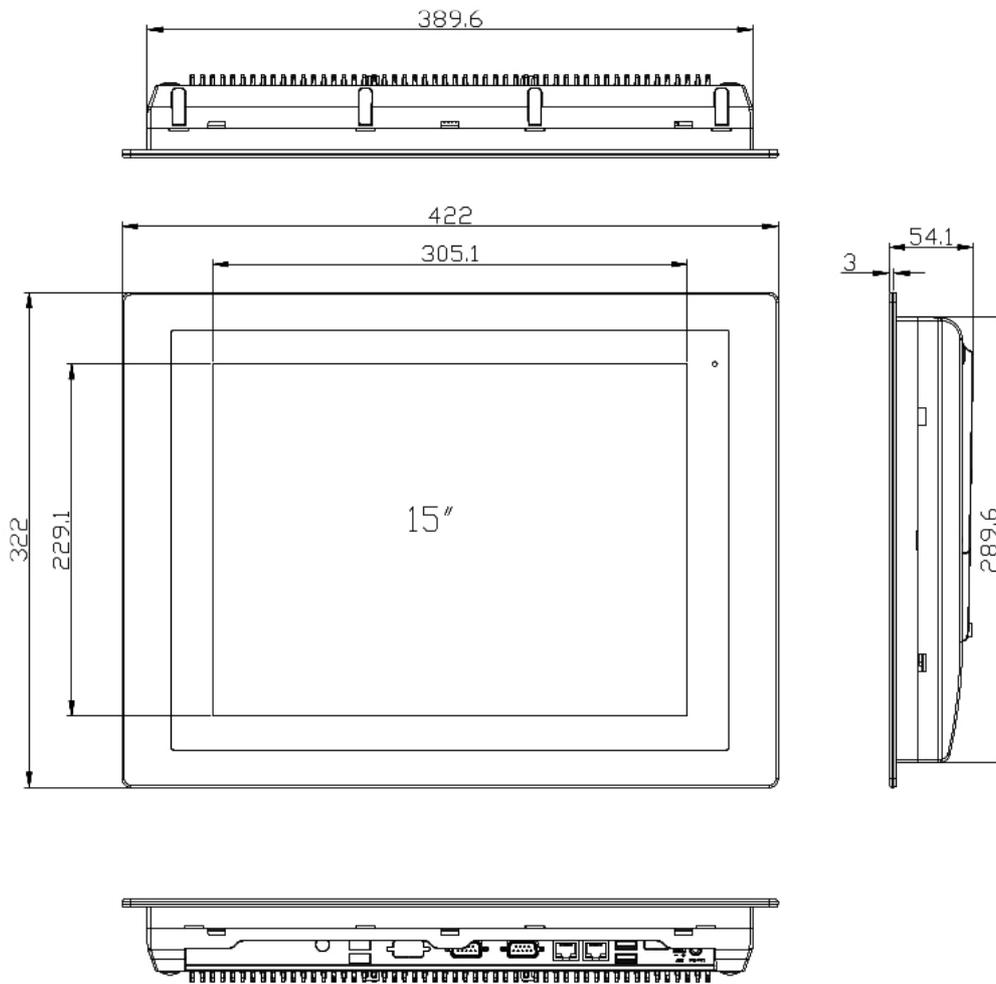|	
Expansion slots	1 x Mini PCIe full height (internal) 1 x SD card slot (internal)
Housing:	Die-cast aluminum Stainless steel front panel (type 304, optionally 316)
Assembly:	VESA 100 x 100; panel mounting
Protection class:	IP66/IP69K (front)
Dimensions (WxHxD):	422 mm x 322 mm x 54 mm
Weight:	approx. 4.4 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 EN 1672-2 certification (optional)
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 30 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 Extended temperature range -20°C to +60°C

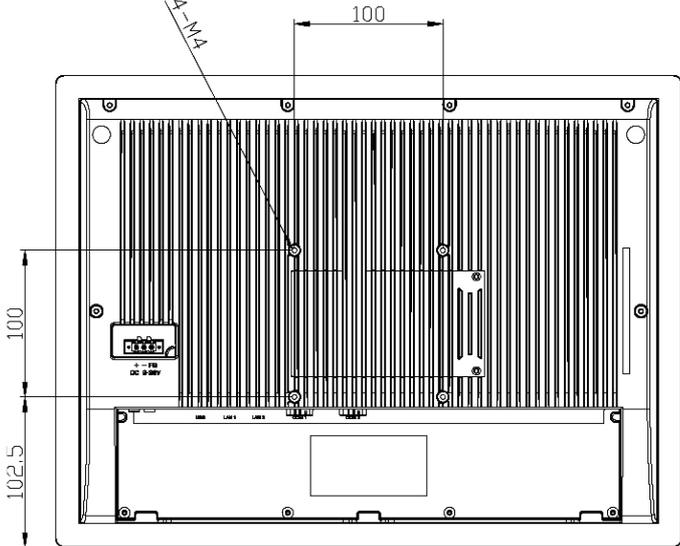|	
Scope of delivery:	Device 1 x power supply unit 1 x mounting material
Customs tariff number:	84715000
Manufacturer:	Aplex Technology Inc.

Drawings

Dimensions 01 (mm):

389.6

422

305.1

54.1

3

322

229.1

15″

289.6

UNIT: mm
Tolerance: ±0.5

Drawings

Dimensions 02 (mm):

4-M4
100
100
102.5

392
292

Mounting Hole Size