

FPC-3101WCP-1215

The whole adopts ultra-narrow frame, pure flat board, aluminum alloy structure, fanless fully enclosed design. Support desktop, wall-mounted, embedded, cantilever type, boom type and other installation methods, widely used in industrial control, military, communications, power, network and other high-end automation fields.

Features

- Narrow bezel design, independent mold opening appearance
- Aluminum alloy-body die-casting molding, efficient heat dissipation
- IP65 protected flat front panel
- Fanless, excellent heat dissipation design
- Self-developed industrial motherboard
- Adapt to complex heavy industrial environments such as dust, oil, water mist, strong electromagnetic and high-frequency vibration.



Model

Product size	10.1"
Non-touch	FPC-3101WNT
Capacitive touch	FPC-3101WCP
Resistive touch	FPC-3101WRS

I/O Interface



Specification

Screen Parameter

Display type	10.1" TFT LCD screen
MAX.resolution	1280*800 (16:10)
Viewing angle(H/V)	85/85/85/85 (L/R/U/D)
Luminance (cd/m²)	300 cd/m²
Contrast ratio	1000:1

Touch Parameter

Touch type	10-point touch projection Capacitive touch screen	Single point Resistive touch	Non-touch
Transmittance	≥88%	≥78%	≥92%
Touch object	Hand or capacitive touch pen	Fingertip or stylus	/
Controller	USB (COM customized)	USB (COM customized)	/

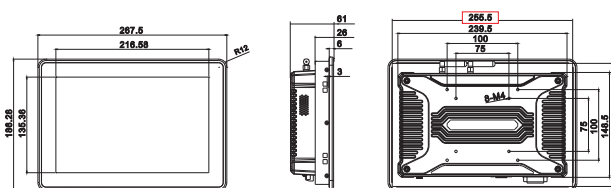
Configuration

CPU	Intel Core i3 1215U frequency: 1.2GHz, Max Turbo frequency: 4.40 GHz	Bluetooth	Bluetooth 4.0
Memory/RAM	8GB DDR4 (Optional: 16GB/32GB)	Watchdog Timer	Support
Storage	256GB SSD (Optional 256GB~512GB/1T~4T SSD, 1T/2T HDD)	RTC real time clock	Support
Wi-Fi	Dual Band 2.4GHz+5GHz	Timer switch	Support
Operating system	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/Debian12.2/Linux-Mint		

Power Parameter

Power input	DC 12V-36V	Power adapter	24V/5A
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Dimension



Physical Characteristic

Overall dimensions	W267.5X H186.28X D61MM
Installation size	W257.5X H176.28MM
Material	Aluminum alloy
Color	Black, optional silver
Installation	Support Embedded, Wall-mounted, Desktop, VESA mountv, Suspended mounting, Folding mounting other installation methods

Interface Parameter

PowerSW	1*PowerSW
Power interface	1*Threaded DC connector (Diameter 5.5*2.5mm)
Phoenix terminal	1*12P Phoenix terminal (DC*1/RS232*1/RS485*1/GPIO*5)
USB	2*USB2.0, 2*USB3.0
Ethernet	2*LAN, 10M/100M/1000M adaptive Ethernet, 3G/4G customized
HDMI	1*HDMI output, up to 4K
SIM	1*SIM card slot (should be work with 3G/4G module)
VGA	1*VGA
Audio	1*Audio I/O, support audio input and output
Speaker	2*(8Ω2W)
Serial port	1*COM (The default is RS232, optional RS485/RS422)
Wi-Fi antenna	2*Wi-Fi antenna
Grounding	1*GND

Reliability Parameter

Operating temperature	-10°C~60°C (-20°C~70°C can be customized)
Storage temperature	-20°C~70°C
Relative humidity	95% non-condensing