

iniPC-P-I-12.1

The whole machine adopts pure plane frame, aluminum alloy structure, no fan completely closed design. Support desktop, wall mounted, embedded, cantilever, boom and other installation modes, widely used in industrial control, military, communications, electric power, network and other automation fields.

Features

- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- Aluminum alloy enclosure, panel mount/VESA mount
- IP65 protected flat front panel
- Fanless, excellent heat dissipation design
- Self-developed industrial motherboard
- Intel Core i3/i5/i7 12th generation CPU
- High compatibility with 99% of industry software



Model

Product Size	12.1"
Non-touch	iniPC-P-I-12.1
Capacitive touch	iniPC-P-I-12.1
Resistive touch	iniPC-P-I-12.1

Interface



Specification

Screen Parameter

Display type	12.1" TFT LCD screen
MAX.resolution	1280*800 (16:10)
Viewing angle(H/V)	65/65/65/65 (L/R/U/D)
Luminance (cd/m²)	350 cd/m²
Contrast ratio	1000:1

Touch Parameter

Touchscreen	Projection capacitive touch 10-point multi touch	Resistive touch single point	Non-touch
Light transmission	≥88%	≥78%	≥92%
Controller	USB (COM customized)	USB (COM customized)	/

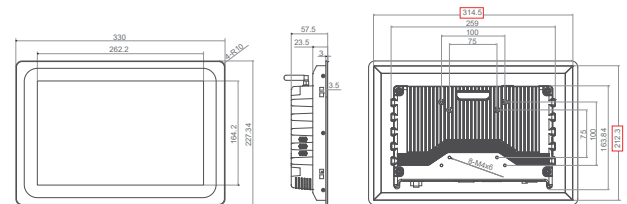
Configuration

CPU	Intel Core i3/i5/i7-12th generation	Bluetooth	Bluetooth 4.0
Integrated Graphics	Intel Graphics	Wi-Fi	Dual Band 2.4GHz+5GHz
Memory/RAM	8GB (Supports up to 32GB)	Watchdog Timer	Support
Storage	256GB SSD (Optional 128GB/512GB/1T/2T/4T etc.)	RTC real time clock	Support
Operating system	WIN10/11, Ubuntu/Redhat/Debian/Linux-Mint	Timer switch	Support

Power Parameter

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

Dimension



Physical Characteristic

Overall dimensions	W330x H227.34x D57.5mm
Installation size	W316.5 x H214.3mm
Color	Black, optional silve
Installation	Supports Panel-mount/Wall-embedded/Wall-mounted/Desktop/Folding mounting/VESA mount/Suspended mounting, etc.

Interface Parameter

PowerSW	1*PowerSW
Power interface	1*Threaded DC port (Diameter: 5.5*2.5mm)
Phoenix terminal	1*12P Phoenix terminal (DC*1+232*1+485*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
Wi-Fi antenna	2*Wi-Fi antenna
Speaker	2*(8Ω2W)
Serial port	1*COM (The default is RS232, optional RS485/RS422)
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