

Blue Line Flex Panel PC-1200



Highlights

The Blue Line Flex Panel PC-1200 is the ultimate solution for all industrial computing needs. Powered by the fast 11th generation Core i3 and i5 processors, this industrial panel PC delivers high-speed processing and efficient graphics capabilities, ensuring handling even the most demanding computing tasks. This industrial panel PC series is cost-effective and offers flexible I/O expansion ports to meet the diverse needs of many industrial applications.

Fanless operation and IP66 dust/waterproof front provide reliable operation 24/7/365. Very easy to clean and disinfect due to its smooth sides, rounded edges, and narrow front bezel.

Blue Line's modular design makes it possible to configure to specific needs in functionality, finish, and environment.

To protect the I/O ports, Blue Line offers an optional I/O cable cover to prevent dust and dirt accumulation. At the same time, it can manage all the cables and make the environment tidier and cleaner.

Reduce cost and time spending with our global partner model based on your specific requirements. Let Blue Line take responsibility for delivery on time. Blue Line's ultimate goal is to help our customers get peace of mind by handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling, etc. Ask for references from your industry.

- Industrial environment
- IP66 front panel
- Fanless operation for maximum reliability
- 10.1" to 21.5" projected capacitive touch display
- Resolution up to full HD 1920 x 1080
- Integrated PC / client
- 11th generation Intel Core i3 / i5 for multi-task and SCADA
- Supports Windows 10 / 11 / Linux
- VESA / panel mount
- Other mounting wall / pipe / swivel arm / gas arm



Blue Line Flex Panel PC-1200

Specifications

Model Type

Panel PC

Construction

Aluminum bezel

Cooling

Fanless

Ingress Protection

Front IP66

Environment

Operating temperature 0°C to +50°C

Option for wide temperature -20°C to +60°C

Storage temperature -30°C to +70°C

Humidity 10 to 90% @ +40°C (non-condensing)

Certification

CE / FCC Class A

Display

10.1" 1280 x 800, 8:5, WXGA TFT LCD

15.6" 1366 x 768, 16:9, WXGA TFT LCD
(option for 1920 x 1080, 16:9, FHD)

21.5" 1920 x 1080, 16:9, FHD TFT LCD

Touch

Projected capacitive multi touch (supports gloves)

Resistive touch (optional)

Brightness

10.1" 350 nits

15.6" 400 / 450 nits

21.5" 250 nits

All sizes Option for high brightness 1000 nits

Colors

16.7M

Viewing Angle

160/160 - 178/178

Processor

Intel 11th Gen. Core i3-1115G4E 2C/4T 2.20GHz (Turbo 3.9GHz) 15W TDP

Option for i5-1145G7E 4C/8T 1.50GHz (Turbo 4.1GHz) 15W TDP

Chipset

SoC

RAM

Intel Core i3 / i5 Up to 64GB, 2 x 260-pin DDR4 SO-DIMM 3200 MHz

Storage

1 x M.2 M-Key 2280 (Support PCIe/SATA3)

Rear Input / Output

4 x USB 3.0 type A

2 x GbE LAN RJ-45

1 x audio line out

1 x DP

1 x 3-pin terminal block connector

1 x 2-pin power switch connector

1 x DB-9 connector, including*

*COM1: 1 x RS-232(RTS, Rx, Tx, CTS), pin1 RTS/5V/12V selectable via jumper

*COM2: 1 x RS-232(Tx, Rx)/422/485 by Y cable

Expansion

1 x Mini-PCIe slot (full size)

1 x M.2 E key for WIFI / Bluetooth module

1 x Nano SIM slot

Operating System

Windows 10 / 11

Windows 10 IoT Enterprise

Linux



Blue Line Flex Panel PC-1200

Thin Client

ThinManager, Microsoft Remote Desktop (RPD), NoTouch OS, VNC, Citrix and others

Power Supply

+9 to +36V DC-in by terminal block

Power Consumption

Up to 92W

Mounting

Panel mounting / VESA 100*

*The screen must be mounted from the back

Dimension and Weight

10.1"	H 189 x W 269 x D 51mm Cut-out: H 176 x W 256mm	1.8kg
15.6"	H 256 x W 405 x D 59mm Cut-out: H 242 x W 391mm	3.7kg
21.5"	H 333 x W 541 x D 59mm Cut-out: H 319 x W 527mm	6.3kg

Accessories Included

AC to DC power adapter with terminal block
Power core 1.8m cable
Panel mount kit

Accessories Optional

Wall mount kit
Desktop stand
Cable cover kit*
WIFI / BT M.2 module and Antenna kit
4G LTE Model M.2 module and Antenna kit
Backup battery
4 x USB 2.0 type A I/O Module
4 x USB 2.0 type A + 1 x Mini-PCIe + 1 SIM slot I/O Module
1 x COM (RS-232) + 2 x USB 2.0 I/O Module
1 x COM (RS-232) + 2 x USB 2.0 + 1 x power button I/O Module
2 x COM (RS-232) I/O Module
2 x COM (RS-232) + 1 x Mini-PCIe slot + 1 x SIM slot I/O Module
2 x COM (RS-422/485, isolated) I/O Module
2 x CAN I/O Module
1 x LAN + 2 x USB 2.0 I/O Module
1 x LAN(45W isolated PoE PD) + 2 x USB 2.0 type A I/O Module**
*Only for 15.6" and 21.5"
**PoE limitation: CPU turbo off, rear I/O no loading, 70% LED backlight, PSE cable length < 50m
(Only one I/O Module or backup battery can be inserted in the unit)

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

1072

