

# 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**  
IT for Demanding Environments

- has more than 30 years experience
- delivers reliable IT solutions for demanding environments
- builds compact and high performance solutions
- focuses on long duration, 24/7-operation, and ruggedness
- is ISO 9001:2015-certified
- is known for providing the best assistance and services in all phases.

# 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 (option for 1920 x 1080, 16:9, FHD)	TFT LCD
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 / Up to 64GB, 2 x 260-pin DDR4 SO-DIMM  
i5 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**  
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark  
T +45 8678 5000 | [www.blue-line.com](http://www.blue-line.com)

# Blue Line Flex Panel PC-1200

---

## Thin Client

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

---

## Warranty and After Sales Support

Standard 1 year (option for 3 years)

---

## Power Supply

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

---

## Ordering Information

1072

---

## 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)



**BLUE LINE**  
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark  
T +45 8678 5000 | [www.blue-line.com](http://www.blue-line.com)