

# Blue Line Flex Panel PC-1200

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**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)

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## Highlights

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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.



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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

## Specifications

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### Model Type

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Panel PC

### Construction

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Aluminum bezel

### Cooling

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Fanless

## Ingress Protection

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Front IP66

## Environment

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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

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CE / FCC Class A

## Display

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10.1"	1280 x 800, 8:5, WXGA 1366 x 768, 16:9, WXGA	TFT LCD
15.6"	(option for 1920 x 1080, 16:9, FHD)	TFT LCD
21.5"	1920 x 1080, 16:9, FHD	TFT LCD

## Touch

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Projected capacitive multi touch (supports gloves)  
Resistive touch (optional)

## Brightness

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10.1"	350 nits
15.6"	400 / 450 nits
21.5"	250 nits
All sizes	Option for high brightness 1000 nits

## Colors

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16.7M

## Viewing Angle

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160/160 - 178/178

## Processor

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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

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SoC

## RAM

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Intel Core i3 / i5

Up to 64GB, 2 x 260-pin DDR4 SO-DIMM 3200 MHz

## Storage

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

## Rear Input / Output

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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

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1 x Mini-PCle slot (full size)  
1 x M.2 E key for WIFI / Bluetooth module  
1 x Nano SIM slot

## Operating System

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Windows 10 / 11  
Windows 10 IoT Enterprise  
Linux

## Thin Client

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

## Power Supply

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

## Power Consumption

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Up to 92W

## Mounting

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Panel mounting / VESA 100\*  
\*The screen must be mounted from the back

## Dimension and Weight

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



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## Accessories Included

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

## Accessories Optional

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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

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Standard 1 year (option for 3 years)

## Ordering Information

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1072



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