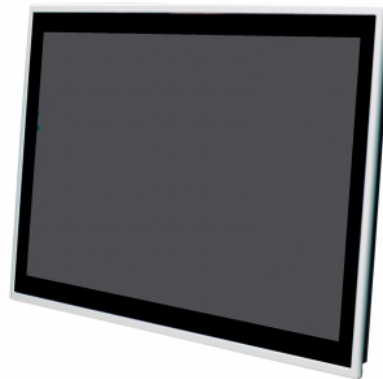# Blue Line Industrial Panel PC-5800

Highlights

Industrial panel pc with extended temperature operation and large range of I/O.

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.

- Extended temp -20°C to 50°C
- 15.6", 18.5" & 21.5" PCAP multi touch display
- Integrated PC
- UL approved
- Up to full HD resolution 1920 x 1080
- Fanless operation
- Windows 7 / 8 / 10
- Linux support
- IP65 front panel
- VESA / Panel mount
- Other mounting wall / pipe / swivel arm / gas arm

Blue Line Industrial Panel PC-5800

Specifications

Model Type
Panel PC

Construction
Aluminum front bezel and SECC steel chassis

Cooling
Fanless

Ingress Protection
Front IP65

Anti-scratch surface: 7H hardness

Environment

Operating temperature	-20°C to +55°C (operation below 0°C demands a storage device with extended temperature)	
Storage temperature	-30°C to +70°C	
Humidity	10% to 95% RH (non-condensing)	

Certification
UL, CE, FCC Class A

Display

15.6"	1366 x 768, 16:9, WXGA	TFT LCD panel	LED backlight
18.5"	1366 x 768, 16:9, WXGA	TFT LCD panel	LED backlight
21.5"	1920 x 1080, 16:9, FHD	TFT LCD panel	LED backlight

Touch
Projected capacitive multi touch

Brightness

15.6"	300 nits
18.5"	300 nits
21.5"	250 nits

Colors
Max 16.2M

Viewing Angle
80/80 / 85/85

Processor
Intel Celeron J1900 2.0GHz Quad-core

Chipset
Integrated SoC

RAM
1 x 4GB DDR3L SO-DIMM

Option for 8GB DDR3L SO-DIMM

Storage
2 x 2.5" drive bay (externally accessible)

Option for CFast slot (OEM version)

Rear Input / Output
2 x RS232

2 x RS232/485

1 x USB 3.0

3 x USB 2.0

3 x RJ-45 GbE LAN Intel I210AT controllers

1 x RJ-45 GbE LAN Realtek 8111E controller

1 x DVI-I connector (VGA with adaptor)

2 x SMA antenna holes

Expansion
1 x Mini-PCIe slot (full size)

Operating System
Windows 7 / 8 / 10

Windows Embedded Standard 7 / 8

Windows 10 IoT Enterprise

Ubuntu Linux

Blue Line Industrial Panel PC-5800

Power Supply

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

Power Consumption

15.6"	Max 27.7W (without I/O cards)
18.5"	Max. 25.2W (w/o I/O cards)
21.5"	Max. 29.8W (w/o I/O cards)

Mounting

Panel mounting

VESA 100

Dimension and Weight

15.6"	H 255 x W 404 x D 49.2mm	4.6kg
18.5"	H 295 x W 470 x D 49.2mm	5.7kg
21.5"	H 332 x W 536 x D 48.4mm	7kg

Accessories Included

Panel mounting kit

Accessories Optional

12V/5A 60W AC / DC power adapter kit

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

1160