

Blue line Industrial Panel PC-6700



Highlights

Industrial high performance panel PC with full size PCI and PCIe expansion slots to support e.g. Video frame grabber and multiple LAN / USB ports. Perfect for AI and Machine Vision. Available with stainless steel front for support of extensive cleaning.

- Full size PCI and PCIe expansion slots
- Front Bezel IP66
- Available with stainless steel front
- 15" to 21.5" PCAP multi touch display
- Integrated PC
- ThinManager support
- Intel i3 / i5 / i7 / Celeron
- Windows 7 / 8 / 10
- Broad range of input/output
- Customisation according to your requirements



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.

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Specifications

Model Type

HMI stainless steel Panel PC

Construction

Front bezel in aluminium or stainless steel AISI 304 or 316L

Cooling

Fanless with Celeron N2930 CPU

Active fan with Core i3 / i5 / i7

Ingress Protection

Front IP66 (option for front IP69K)

Environment

Operating temperature 0°C to +50°C

Storage temperature -30°C to +70°C

Humidity 10 to 95% @ 40°C, (non- condensing)

Certification

CE / FCC Class A

Display

15"	1024 x 768, 4:3, XGA	color TFT LCD
15.6"	1366 x 768, 16:9, HD (option for FHD)	color TFT LCD
17"	1280 x 1024, 5:4, SXGA	color TFT LCD
21.5"	1920 x 1080, 16:9, FHD	color TFT LCD

Touch

Projected capacitive touch (supports gloves)

Resistive touch (optional)

No touch (optional)

Optical bonding (optional)

Brightness

15"	420 nits
15.6"	300 nits
17"	350 nits
21.5"	250 nits
All sizes	Option for high brightness 1000 nits

Colors

15"	16.7M 262k / 16.2M
15.6", 17", 21.5"	16.7M

Viewing Angle

15"	160/160 - 160/150
15.6"	160/160
17"	170/170 - 170/160
21.5"	178/178

Processor

Intel Celeron N2930 1.83GHz

Intel Core i3-6th / 7th gen.

Intel Core i5-6th / 7th gen.

Intel Core i7-6th / 7th gen.

Chipset

Integrated Intel H170 for Intel Core i3 / i5 / i7

Integrated SoC for Intel Celeron

RAM

2 x 260-pin DDR4 2133MHz SO-DIMM up to 32GB for Intel Core i3 / i5 / i7

2 x 204-pin DDR3L SO-DIMM slot up to 8GB for Intel Celeron

Storage

2 x 2.5" SATA SSD/HDD space (supports RAID 0, 1, 5) for Intel Core i3 / i5 / i7

1 x 2.5" SATA SSD/HDD Space for Intel Celeron

Rear Input / Output

4 x USB 3.0 type A

2 x GbE LAN

1 x RS232/422/485

1 x RS-232

1 x RS-422/485

1 x DB15 VGA

1 x HDMI

1 x Line-out/Mic-in

1 x 2 pin terminal block for external power switch

1 x 3 pin terminal block power connector

1 x power switch on/off



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Expansion

- 1 x Full-size Mini PCIe on board
- 1 x Half-size Mini PCIe on board
- 1 x SIM slot for option(option WIFI/Bluetooth/4G)
- 1 x PCIe x1 and 1 x PCIe x16 slot via riser or 1 x PCI and 1 x PCIe x1 slot via riser

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Special Function

Supports add on cards for extra USB, LAN, Video frame grabber or other expansion cards

Operating System

- Windows 7* / 8 / 10
- Windows Embedded Standard 7* / 8
- Windows 10 IoT Enterprise
- Linux
- *(7th gen CPU do not support Windows 7)

Thin Client

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

Power Supply

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

Power Consumption

N/A depending on CPU and AOC

Mounting

Panel mount

Dimension and Weight

15"	Outer: H 310 x W 410 x D 96.7 mm Cut-out: H 292 x W 392mm	6.3 kg
15.6"	Outer: H 277 x W 412 x D 96 mm Cut-out: H 259.5 x W 394mm	6.5 kg
17"	Outer: H 348 x W 439 x D 95 mm Cut-out: H 331 x W 422mm	7 kg
21.5"	Outer: H 362.3 x W 557.3 x D 99.8 mm Cut-out: H 344 x W 539mm	8.5 kg

Accessories Included

- AC to DC Power adapter
- Panel mount kit

