Blue Line IPC-8000 Power



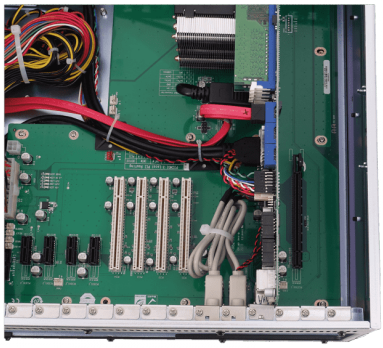
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Blue Line IPC-8000 Power









Highlights

4U rack mount industrial pc supports full length/height PCI and PCIe cards. Benefit from high performance Intel 11th generation processors. Blue Line IPC-8000 Power supports high performance GPU for AI/inference.
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.

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Blue Line IPC-8000 Power

- Fast & flexible industrial pc
- Intel 11th generation core processor
- Windows 10 / 11 / Linux
- 5 x USB 3.2, 2 x 2.5GbE
- Option for 4 x COM, 10 x USB, DIO
- Long product life cycle
- Short depth chassis (510mm)
- Build-to-order configured to the requirements

Specifications

Model Type

Rack PC

Form Factor

4U

Construction

Heavy duty cold rolled steel

Cooling

One 120 x 120 x 38mm 2-Pin 2600 RPM system front fan
Easy front acces to dustfilter (Washable)
Option for dual front fan
Option for 120 x 120 x 25mm 3-Pin Tacho 2400 RPM, low noise fan
Option for 120 x 120 x 38mm 4-Pin PWM (max speed 4000 RPM) High performence fan

Environment

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Operating temperature	0°C to 60°C (-20°C to 60°C w/wide temp. Grade SSD & MEM)
Humidity	5% to 95%, non-condensing

Certification

CE

Processor

Intel Core 11th Gen. i3 / i5 / i7 / i9 (Up to 125W TDP)

Intel Pentium Gold Series

Intel Celeron G Series

Chipset

Intel Q470

Integrated Intel UHD graphics 750/710, supports OpenGL 4.5 and DirextX 12.1

Intel PTT (TPM 2.0)

Watchdog Timer Software Programmable supports 1 to 255 sec. System reset

RAM

4 x 288-Pin DDR4 2933MHz UDIMM, supports up to 128GB

Storage

3 x 5.25" / 1 x 3.5" drive bay

(option for internal 2.5" / 3.5" drives)

Front Input / Output

2 x USB 3.2 Gen 1 via internal header

Power on/off button

Power status LED & HDD activity LED

Double panel door with keylock & thumbscrew

Rear Input / Output

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Rear	1 x HDMI 1.4b (up to 4096 x 2160@30Hz)
	2 x RJ45 LAN: Intel I225-V 2.5GbE controller
	2 x USB 3.2 Gen1 (5Gb/s) Type A
	1 x USB 3.2 Gen2 (10Gb/s) Type C
Option	2 x RS-232 / 2 x RS-422/485 (via pin header)
	10 x USB 2.0 (6 x pin header, 4 x backplane pin header)
	7.1 channel HD Audio kit with Realtek ALC888S
	1 x 12-bit digital I/O (2x7 pin)
Internal	4 x SATA 6GB/s (RAID 0/1/5/10 supported)

Expansion

Passive backplane with 9 available slots	4 x PCI, 1 x PCIe 3.0 (x16 lanes slot), 4 x PCIe 3.0 (x1 lanes slot)
	1 x M.2 A Key (2230) w/PCIe x2/USB 2.0
PICMG 1.3 CPU Card	1 x M.2 M Key (2280/2242) w/PCIe x4/SATA
	1 x M.2 B Key (3042/3052/2242/2280) w/PCIe x2/USB 2.0

Operating System

Windows 10 / 11
Windows 10 IoT Enterprice
Linux

Power Supply

Industrial PSU 650W ATX 12V v2,3, 80mm double ball bearing FAN, full range AC input, 80 PLUS Gold
IEC 62368-1 compliant
ErP Lot 6 2013 compliant
EMI/EMC: CE Class B and FCC Class B, RCM
Safety: cTUVus , TUV, CB, CCC, BSMI, RCM (SAA)
Option for 350W, 750W, 850W & 1000W PSU
Option for redundant 500W PSU

Power Consumption

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TBD

Dimension and Weight

19"	H 177 x W 483 x D 510mm
Package	H 350 x W 600 x D 685mm
Net weight	16 kg (standard configuration)
Gross weight	21 kg (standard configuration)

Mounting

Rack mount

Accessories Included

Rack mount kit

PCI/PCIe card hold down retention bar

Accessories Optional

Rack mount slide rail kit

7.1 channel HD audio kit with Realtek ALC888S (1 x Line in, 1 x Line out, 1 x Mic and 1 x Center/Sub)

1 x 2.5" rugged hot-swap w/thumbscrews and key lock in 3.5" bay

2 x 2.5" Trayless Hot-swap w/key lock in 3.5" bay

4 x 2.5" Trayless Hot-swap w/key lock in 5.25" bay

5 x 2.5" or 3.5" Hot-swap w/keylock in 3 x 5.25" bay (1 x 80mm Fan)

Dust cover kit for I/O port

Smart Keeper Professional for physical I/O port security

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

2205

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