

# Blue Line IPC-8000 Power

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## 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.



- 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



**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 IPC-8000 Power

## 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 performance fan

### Environment

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 DirectX 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

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)

PICMG 1.3 CPU Card 1 x M.2 A Key (2230) w/PCIe x2/USB 2.0  
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 Enterprise

Linux

### Power Supply



# Blue Line IPC-8000 Power

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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

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## Power Consumption

TBD

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## Dimension and Weight

19"	H 177 x W 427 x D 510mm
Package	H 350 x W 600 x D 685mm
Net weight	16 kg (standard configuration)
Gross weight	21 kg (standard configuration)

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## Mounting

Rack mount

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## Accessories Included

Rack mount kit  
PCI/PCIe card hold down retention bar

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## 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)

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## Warranty and After Sales Support

Standard 1 year (option for 3 years)

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## Ordering Information

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