

Blue Line IPC-8000 Power Mini



Highlights

Compact industrial pc supports full length/height PCI and PCIe cards. Benefit from high performance Intel 11th generation processors. Blue Line IPC-8000 Power Mini 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
- 2 x USB 3.2, 1 x USB 3.2 Gen2 type C, 2 x 2.5GbE
- Optional 4 x COM, 8 x USB, DIO
- Long product life cycle
- Compact chassis
- Build-to-order configured 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.

Blue Line IPC-8000 Power Mini

Specifications

Model Type

Compact PC

Form Factor

Compact chassis

Construction

Heavy duty cold rolled steel

Cooling

One 80 x 80 x 25mm system front fan, with dustfilter

Option for 80 x 80 x 25mm low noise fan

Option for 80 x 80 x 25mm high speed fan

Certification

CE

Processor

Intel Core 11th gen. i3 / i5 / i7 / i9

Pentium G Series

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

1 x 5.25" / 1 x 3.5" drive bay

(Option for internal 2.5" / 3.5" drives)

Front Input / Output

Option for 2 x USB 3.2 Gen 1 via internal header

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 5 available slots 3 x PCI, 1 x PCIe 3.0 (x16 Lanes slot), 1x PCIe 3.0 (x4 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

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 500W redundant PSU

Power Consumption

TBD

Dimension and Weight

H 181 x W 232 (273 w/mounting bracket) x D 400mm



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

Blue Line IPC-8000 Power Mini

Mounting

Wall mounting

Accessories Included

Wall mounting bracket
PCI/PCIe card hold down retention bar

Accessories Optional

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

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

2205-5



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com