Blue Line IPC-8000 Power Mini



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

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.

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

Blue Line IPC-8000 Power Mini

- 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

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

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

Blue Line IPC-8000 Power Mini

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 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

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
	2 x RS-232 / 2 x RS-422/485 (via pin header)
Option	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)

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

Blue Line IPC-8000 Power Mini

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

Mounting

Wall mounting

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

Blue Line IPC-8000 Power Mini

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

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

2205-5

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