

PNC-5063 6-slot industrial node chassis for half-sized PCI cards



PNC-5063 is a compact and rugged 6-slot half-sized node chassis designed for space limited applications. With the most economical space, PNC-5063 provides you the maximum configuration. It's well-shield, well-cooled and user friendly access

are specially designed to withstand shocks, dust, humidity, trembling vibration and high operating temperature in the harsh environment.

Feature

- One CD-ROM , one NB FDD and one 3.5" HDD drive bays
- Can be vertically or horizontally mounted, easy to fit into space limited environment
- Replaceable air filter for easy cleaning
- One power on/off switch protection cap and one touch-free reset for secure access
- Two front accessible USB ports
- One 12 cm ball-bearing cooling fan provides better ventilation to enhance the system reliability
- Built-in 125W ATX power supply

General

Construction	Heavy-duty steel
Drive Bay	External: NB CD-ROM x1 + NB FDD x1 (devices built in) Internal: 3.5" HDD x1
Cooling Fan	One 12 cm ball-bearing fan
Indicator	HDD x1
Switch	Power on/off (with a protection cap) x1, System reset x1
Air Filter	One replaceable air filter at the front door
Speaker	One 8 speaker
Connector	Two USB ports on the front panel
Standard Color	Industrial dark gray
Dimension	196(W) x 262(D) x 196(H) mm; 7.7"(W) x 10.3"(D) x 7.2"(H)
Weight	Net: 6.5 kg (14.3 lb); Gross: 7 kg (15.4 lb)
Backplane	PBP-05P: 5-slot PCI backplane

Power Supply

Maximum Output	125W
Output Voltage & Current	+5V@12A, +12V@3A, +3.3V@10A, -5V@0.2A, -12V@0.3A, +5VSB@2A
Input Voltage	95 - 132V/180 - 264V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	4A max./115V, 2A max./230V
Efficiency	Min. 65%
MTBF Reliability	Min. 100,000 hrs at 25°C (70°F)
Certification	UL, CSA, TUV, CB, NEMKO

Environment

Operating Temperature Range	0 to +55°C
Storage Temperature Range	0 to +70°C
Relative Humidity	5% to 95%, non-condensing

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Feature	Benefits
<input type="checkbox"/> Front exchangeable filter	<input type="checkbox"/> Easy cleaning and exchange
<input type="checkbox"/> EMI shielding	<input type="checkbox"/> Enhance shielding by adding more contact points
<input type="checkbox"/> Headroom for CPU cooler	<input type="checkbox"/> Capability for upgrade to faster processor which needs higher cooler
<input type="checkbox"/> Gap between fan and its MTG bracket	<input type="checkbox"/> Lower noise caused by air flow
<input type="checkbox"/> Extra space for one bracket	<input type="checkbox"/> Space for fixing more connectors such as PRT and COM via bracket

What's New



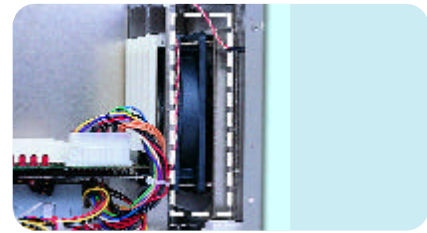
More ventilation holes near CPU board

Create better air flow path through CPU for higher processor frequency support.



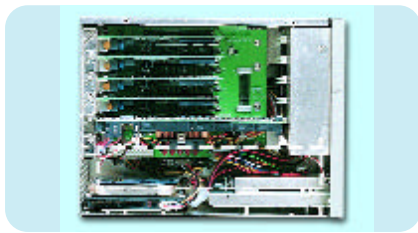
Well Shielding for EMI solution

Increase inter contact area of each parts to become a bigger electromagnetic wave absorber



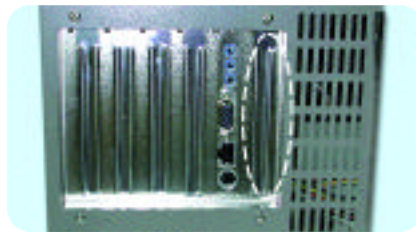
Lower fan noise

Decrease noise caused by air flow



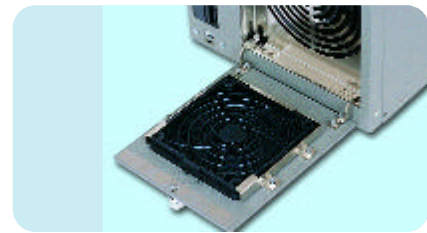
Headroom for CPU cooler

Reserve certain CPU cooler space for higher frequency CPU



Extra open slot for one bracket

No space for PRT & COM ports to mount? One extra bracket space was reserved for them



Front exchangeable filter

Dustproof filter can be easily cleaning and exchange

Ordering Guide

PNC-5063-05P-125X

6-slot node chassis with 5-slot PCI backplane, 125W ATX power supply, 24X NB CD-ROM and NB FDD

Engineering Drawing

