

PNC-5063

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



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 touchfree 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 7.7"(H)
Weight	Net: 6.5 kg (14.3 lb); Gross: 7 kg (15.4 lb)
Backplane	PBP-05P: 5-slot PCI backplane

Power Supply (ORION-3001PY optional)

Maximum Output	125W
Output Voltage & Current	+5V@12A, +12V@3A, +3.3V@10A, -5V@0.2A, -12V@0.3A, +5Vsb@2A
Input Voltage	90V ~ 132V, 180V ~ 264V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	4A@115V, 2A@230V
Efficiency	> 65%
MTBF Reliability	100,000 hrs
Certification	UL, CSA, TUV, FCC, CE

Environment

Operating Temperature Range	0 to +40°C
Storage Temperature Range	0 to +70°C
Relative Humidity	5% to 95%, non-condensin

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FEATURE	BENEFITS
Front exchangeable filter	Easy cleaning and exchange
EMI shielding	Enhance shielding by adding more contact points
Headroom for CPU cooler	Capability for upgrade to faster processor which needs higher cooler
Gap between fan and its MTG bracket	Lower noise caused by air flow
Extra space for one bracket	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.



Headroom for CPU cooler

Reserve certain CPU cooler space for higher frequency CPU



Well Shielding for EMI solution

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



Extra open slot for one bracket

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



Lower fan noise

Decrease noise caused by air flow



Front exchangeable filter

Dustproof filter can be easily cleaning and exchange

ENGINEERING DRAWING

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

