

# PNC-5063

## Advanced 6-slot Industrial Node Chassis for half-size PCI cards



- ◆ Equipped with one CD-ROM and one slim FDD ; support 3.5" HDD drive bays
- ◆ Can be vertically or horizontally mounted, easy to fit into space limited environment
- ◆ Fan direction changeable
- ◆ Replaceable air filter for easy cleaning
- ◆ One On/Off switch protection cap and one touch free reset for secure access
- ◆ Equipped with front access USB ports
- ◆ One 12cm ball-bearing cooling fan provides better ventilation to enhance system reliability
- ◆ Built-in 125W ATX power supply

PNC-5063 is a compact and rugged 6-slot half-size node chassis designed for space limited application. With the most economical space, PNC-5063 provides you the maximum configuration. Its 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

### General

#### **Construction**

Heavy-duty steel

#### **Air Filter**

One replaceable air filter at the front door

#### **Cooling Fan**

One 12cm (86.5cfm) ball-bearing fan

#### **Disk Drive Housing**

External: One NB CD-ROM and one NB FDD(Devices built-in)

Internal: 3.5" HDD

#### **Indicator**

LED indicators for HDD

#### **Switch**

One for reset and one for power On/Off with a protection cap

#### **USB Connector**

Two Front access USB ports

#### **Speaker**

One 8 speaker

#### **Standard Color**

Industrial dark gray

#### **Dimension**

196(W) x 262(D) x 196(H) mm  
7.72"(W) x 10.31"(D) x 7.2"(H)

#### **Weight**

Net: 6.5kg (14.321lb)  
Gross: 7kg (15.421lb)

#### **Backplane**

PBP-05P : 5-slot PCI backplane

#### **Power Supply (ENP-0812A)**

#### **Maximum Output**

125W

#### **Output Voltage & Current**

+3.3V@10A, +5V@12A,12V@3A,  
-5V@0.2A,-12V@0.3A, 5VSB@2A

#### **Input Voltage**

AC 95 -132V  
AC 180 - 264V

#### **Input Frequency**

47Hz - 63Hz

#### **Input Current**

4A max./115V, 2A max./230V

#### **Efficiency**

Min. 65%

#### **MTBF Reliability**

Min. 100,000 hours at 75% max. output at 25°C ambient temperature

#### **Safety**

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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- What's New



Better ventilation and high frequency CPU thermal issue



Well Shielding for EMI solution



Well Shielding for EMI solution



Fan noise eliminated by mechanical design



Reserved certain CPU cooler space for higher frequency CPU

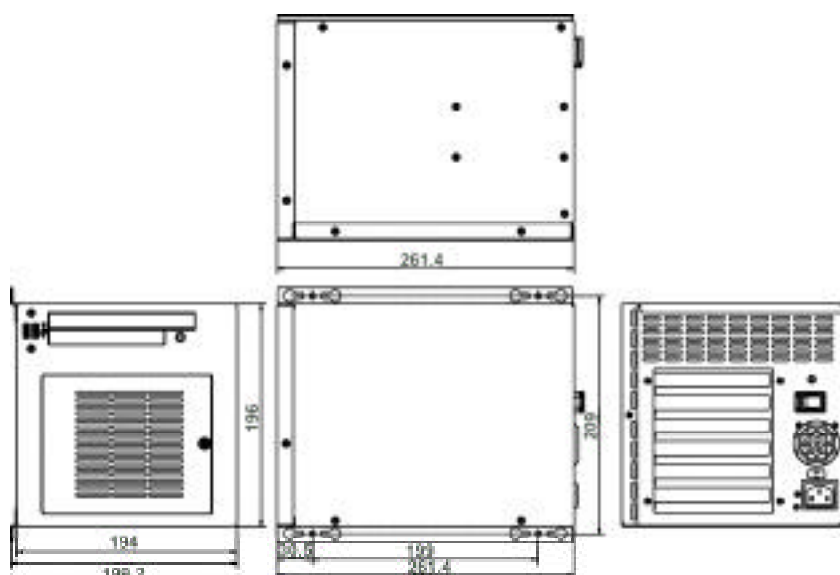


Extra open slot for expansion



Dustproof fan filter design

## Engineering Drawing



## Ordering Guide

**PNC-5063-05P-125X**  
6-slot node chassis, PBP-05P,  
125W ATX PSU, 24X slim CD-ROM  
and slim FDD

