PRC-4164/PNC-6162

Magic 6-slot Node Chassis

▲ PRC-4164

- ◆ Magic design for wall-mount, desk-top and rack-mount application
- ◆ Rugged steel node chassis suitable for harsh environment
- ◆ One built-in 12cm ball-bearing fan for better ventilation
- ◆ Built-in micro-ATX type power supply
- ◆ Support one external 5.25" and one internal 3.5" disk drive
- ◆ Optional kits to combine two PNC-6162 for the rack-mount application

PNC-6162 is a compact and rugged 6-slot full-size node chassis designed for space limited applications. Its rugged, sturdy, full-sealed and well-cooled steel chassis is specially designed to withstand shocks, dust, humidity, trembling vibration and high operating temperature in the harsh environment.

With an optional built-in EZDRV, PNC-6162 can support a notebook type CD-ROM and FDD within a 5.25" drive bay. It helps you to install the system and application software more easily.

Combining two PNC-6162 into a rack-mount kit with additional software, you can have a high-availability fault tolerant system.

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: 5.25"x1
Internal: 3.5"x1

Indicator
LED indicators for HDD and power On/Off

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

Mounting Bracket
Two brackets for vertical and horizontal mounting

Keyboard Connector
Standard 6-pin PS/2 K/B connectors with a cap

Keyboard Connector Cap
One cap for better security

Speaker
One 8 speaker

Standard Color
Beige, Black

Dimension
PNC-6162:
220(W) x 407(D) x 160(H) mm
8.66"(W) x 16"(D) x 6.3"(H)

PRC-4164:
482(W) x 407(D) x 177(H) mm
19"(W) x 16"(D) x 7"(H)

Weight
PNC-6162:
Net: 6.5kg (34.4lb)
Gross: 8.0kg (38.9lb)

PRC-4164:
Net: 15.5kg (14.3lb)
Gross: 17.5kg (17.6lb)

Backplane
6-slot PICMG PISA bus Backplane

Power Supply

Output Voltage & Current
+5V@12A, +12V@5A,
+3.3V@7A, -12V@0.3A

Input Voltage
AC 95 - 130V, 190 - 254V selectable

Input Frequency
47Hz - 63Hz

Input Current
7A max./115V, 4A max./230V

Efficiency
Min. 70%

MTBF Reliability
Min. 50,000 hours at 25˚C (70˚F)

Safety
UL/CSA/TUV/CE

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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Features	Benefits
◆ 5.25" drive space for EZDRV	◆ Built in with FDD and CD-ROM to install software
◆ Replaceable air filter	◆ For easy cleaning
◆ Can be vertically or horizontally mounted	◆ Easy to fit into different space limited environment
◆ Both 6-slot ISA and PICMG BP are applicable	◆ Easy to change to different Backplanes and keep stock
◆ Adopt 150W micro-ATX PSU	◆ Save the space inside the chassis
◆ Special kit to combine dual systems into 4U space	◆ Can be formed as a fault tolerant system

● What's New

Special design for the drive bay
Adopt notebook type device to save space.

Can be mounted in different styles
PNC-6162's front door can be changed for either vertical or horizontal installation.

Easy-to-use control panel
All the switches and LEDs are located at the front panel for direct operation.

Ordering Guide

PNC-6162-06I-15X
6-slot full-size industrial node chassis with 6-slot ISA Backplane and 150W micro-ATX power supply

PNC-6162-06P3-15X
6-slot full-size industrial node chassis with 6-slot PICMG(3 PCI) Backplane and 150W MICRO ATX power supply

PRC-4164-06P3-15X
Two sets of PNC-6162 with rack-mount kit, 6-slot PICMG(3 PCI) Backplane and 150W MICRO ATX power supply

▲ PNC-6162

Engineering Drawing