

PRC-4164/PNC-6162

6-slot industrial node chassis



▲ PRC-4164

FEATURE

- 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 kit to combine two PNC-6162 for the rack-mount application



▲ PNC-6162

General

Construction	Heavy-duty steel
Drive Bay	External: 5.25"x1
	Internal: 3.5"x1
Air Filter	One replaceable air filter at the front door
Cooling Fan	One 12 cm ball-bearing fan
Indicator	Power on/off x1, HDD x1
Switch	Power on/off (with a protection cap) x1, System reset x1
Speaker	One 8 speaker
Connector	One 6-pin PS/2 K/B connector on the front panel with a cap
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: 6.5 kg (34.4 lb); Gross: 8.0 kg (38.9 lb)
	PRC-4164: Net: 15.5 kg (34.3 lb); Gross: 17.5 kg (38.6 lb)
Backplane	PBP-06P3: 6-slot (3xPCI) PICMG backplane PBP-06P4: 6-slot (4xPCI) PICMG backplane PBP-06I: 6-slot (6xISA) PICMG backplane

Power Supply (ORION-3001PY optional)

Maximum Output	150W
Output Voltage & Current	+5V@12A, +12V@5A, +3.3V@7A, -12V@0.3A
Input Voltage	95V ~ 130V, 190V ~ 254V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	7A max./115V, 4A max./230V
Efficiency	>70%
MTBF Reliability	50,000 hrs
Certification	UL, CSA, TUV, FCC, CE

Environment

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

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FEATURE	BENEFITS
One 5.25" drive bay for EZDRV	For both CD-ROM and FDD support
Front replaceable air filter	For easy cleaning & exchange
Can be vertically or horizontally mounted	Easy to fit into different space limited environment
Both 6-slot ISA and PICMG backplanes applicable	Easy to change to different backplanes and keep stock
150W micro-ATX power supply	Save the space inside the chassis
Special kit to combine dual systems into 4U space	Can be integrated as a fault tolerant system

WHAT'S NEW



Special configuration with EZDRV

The use of EZDRV enables PNC-6162 to support one more NB FDD.



Can be mounted in different styles

PNC-6162 can be either vertically or horizontally installed.



Easy-to-use control panel

All the switches and LEDs are located on the front panel for direct operation.

ORDERING GUIDE

PNC-6162-06P3-15X

6-slot full-sized industrial node chassis with 6-slot (3xPCI) PICMG backplane and 150W Micro ATX power supply

PNC-4164-06P3-15X

Two sets of PNC-6162 with rack-mount kit, 6-slot (3xPCI) PICMG backplane and 150W Micro ATX power supply

PNC-4164-06P3-25X

Two sets of PNC-6162 with rack-mount kit, 6-slot (3xPCI) PICMG backplane and 250W Micro ATX power supply

ENGINEERING DRAWING

