

# IRC-306

6-slot full-sized industrial node chassis (Shoe-box)



## FEATURE

- One external 5.25" and 3.5" and one internal HDD drive bays
- One replaceable air filter for easy cleaning
- Can be vertically or horizontally mounted, easy to fit into space limited environment
- One 12 cm ball-bearing cooling fan for better ventilation
- The fan filter panel can be installed in different directions
- Two adjustable positions for hold-down card retainers provide better protection from vibration
- Both 6-slot ISA and PICMG backplane applicable; easy to change to different backplanes
- Field replaceable power supply bracket for both normal PS/2 and PS/2 redundant power supply, easy for changing defective power supply

## General

<b>Construction</b>	Heavy-duty steel
<b>Drive Bay</b>	External: 5.25" x1 + 3.5" FDD x1 Internal: 3.5" HDD x1
<b>Cooling Fan</b>	One 12 cm ball-bearing fan
<b>Indicator</b>	Power on/off x1, HDD x1
<b>Switch</b>	Power on/off x1, System reset x1
<b>Air Filter</b>	One replaceable air filter at the front door
<b>Speaker</b>	One 8 speaker
<b>Connector</b>	One 5-pin AT K/B connector with a cap on the front panel
<b>Standard Color</b>	Beige
<b>Dimension</b>	260(W) x 408(D) x 172(H) mm; 10.2"(W) x 16.1"(D) x 6.8"(H)
<b>Weight</b>	Net: 8.5 kg (18.7 lb); Gross: 9.5 kg (20.9 lb)
<b>Backplane</b>	6-slot PISA bus PICMG backplane

## Power Supply (ORION-3001PY optional)

<b>Maximum Output</b>	250W
<b>Output Voltage &amp; Current</b>	+5V@25A, +12V@10A, -5V@0.5A, -12V@0.5A
<b>Input Voltage</b>	90V ~ 132V, 180V ~ 264V AC selectable
<b>Input Frequency</b>	47 ~ 63 Hz
<b>Input Current</b>	8A@115V, 4A@230V
<b>Efficiency</b>	> 65%
<b>MTBF Reliability</b>	40,000 hrs
<b>Certification</b>	UL, CSA, TUV, FCC, CE

## Environment

<b>Operating Temperature Range</b>	0 to +40°C
<b>Storage Temperature Range</b>	0 to +70°C
<b>Relative Humidity</b>	5% to 95%, non-condensing

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FEATURE	BENEFITS
5.25" drive space for CD-ROM or mobile rack	Easy to install software
One replaceable air filter	For easy cleaning
Can be vertically or horizontally mounted	Easy to fit into different space limited environment
Two adjustable positions for hold-down card retainer	For fixing all the cards more flexibly and tightly
Both 6-slot ISA and PICMG backplane applicable	Easy to change to different backplane and keep stock
Field replaceable power supply bracket for both normal PS/2 power supply and PS/2 type redundant power supply	For ease of maintenance Only 30 seconds to change the defective power supply module

## WHAT'S NEW



### Redundant power supply

With a flexible bracket, a PS/2 or redundant power supply can be installed to enhance reliability.



### Can be mounted in different styles

IRC-306 can be either vertically or horizontally installed.



### Dual card retainers

It has two positions for card clamps to hold both PCI and ISA cards tightly.

## ORDERING GUIDE

### IRC-306-06P4-330X

6-slot full-sized industrial node chassis with 6-slot (4xPCI) PICMG backplane and 330W ATX power supply

### IRC-306-06P4-300IPY

6-slot full-sized industrial node chassis with 6-slot (4xPCI) PICMG backplane and 300W PFC ATX power supply

### IRC-306-06P3-25

6-slot full-sized industrial node chassis with 6-slot (3xPCI) PICMG backplane and 250W AT power supply

## ENGINEERING DRAWING

