

IRC-308

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



IRC-308 is a compact and rugged 8-slot full-size node chassis designed for space limited application. Its rugged, sturdy and well-cooled steel chassis is specially designed to withstand

shocks, dust, humidity, trembling vibration and extremely operating temperature in the harsh environments.

Feature

- Two 5.25" drive bay for CD-ROM or mobile rack, easy to install software and mirror disk (RAID1)
- One replaceable air filter for easy cleaning
- The fan filter panel can be installed in different directions
- Can be vertically or horizontally mounted, easy to fit into space limited environment
- One 12 cm ball-bearing cooling fan for better ventilation
- Both 8-slot ISA and PICMG backplane applicable; easy to change to different backplanes
- Two adjustable positions for hold-down card retainers provide better protection from vibration
- Field replaceable power supply bracket for both normal PS/2 and PS/2 redundant power supply, easy for changing defective power supply

General

Construction	Heavy-duty steel
Drive Bay	External: 5.25" x2 + 3.5" FDD x1 Internal: 3.5" HDD x1
Cooling Fan	One 12 cm ball-bearing fan
Indicator	Power on/off x1, HDD x1
Switch	Power on/off x1, System reset x1
Air Filter	One replaceable air filter at the front door
Speaker	One 8Ω speaker
Connector	One 5-pin AT K/B connector with a cap on the front panel
Standard Color	Beige, black
Dimension	330(W) x 408(D) x 172(H) mm; 13"(W) x 16.1"(D) x 6.8"(H)
Weight	Net: 9 kg (19.8 lb); Gross: 10 kg (22 lb)
Backplane	8-slot ISA backplane 8-slot (4xPCI) PICMG backplane 8-slot (3xPCI) PICMG backplane

Power Supply (PW-250 optional)

Maximum Output	250W
Output Voltage & Current	+5V@25A, +12V@10A, -5V@0.5A, -12V@0.5A
Input Voltage	90V ~ 132V, 180V ~ 264V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	8A@115V, 4A@230V
Efficiency	> 65%
MTBF Reliability	40,000 hrs
Certification	UL, CSA, TUV, FCC, 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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Feature	Benefits
<input type="checkbox"/> Two 5.25" drive bays for CD-ROM or mobile rack	<input type="checkbox"/> Easy to install software and mirror disk (RAID 1)
<input type="checkbox"/> One replaceable air filter	<input type="checkbox"/> For easy cleaning
<input type="checkbox"/> Can be vertically or horizontally mounted	<input type="checkbox"/> Easy to fit into different space limited environment
<input type="checkbox"/> Two adjustable positions for hold-down card retainer	<input type="checkbox"/> For fixing all the cards more flexibly and tightly
<input type="checkbox"/> Both 8-slot ISA and PICMG backplane applicable	<input type="checkbox"/> Easy to change to different backplane and keep stock
<input type="checkbox"/> Field replaceable power supply bracket for both normal PS/2 power supply and PS/2 redundant power supply	<input type="checkbox"/> For ease of maintenance <input type="checkbox"/> 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 security.



Can be mounted in different styles

IRC-308's front door can be changed for either vertical or horizontal installation.



Two card retainers

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

Ordering Guide

IRC-308-08I-25

8-slot full-sized industrial node chassis with 8-slot ISA backplane and 250W power supply

IRC-308-08P4-25

8-slot full-sized industrial node chassis with 8-slot (4xPCI) PICMG backplane and 250W power supply

IRC-308-08P4-30X

8-slot full-sized industrial node chassis with 8-slot (4xPCI) PICMG backplane and 300W ATX power supply

IRC-308-08P3-25

8-slot full-sized industrial node chassis with 8-slot (3xPCI) PICMG backplane and 250W power supply

Engineering Drawing

