

IRC305

Advanced 19" 2U Industrial Rack-mount PC Chassis



- ◆ 19" 2U rack-mount chassis meets EIA RS-310C industrial standard
- ◆ 5.25"x1+3.5" FDDx1+3.5" HDDx1 drive bay
- ◆ Replaceable air filter for easy cleaning
- ◆ Dual 8cm ball-bearing cooling fan for better ventilation
- ◆ One On/Off switch protection cap and one touch free reset for secure access
- ◆ One K/B connector cap to prevent the front K/B connector from the dust
- ◆ Replaceable back panel, easy to change to different backplanes
- ◆ PS/2 redundant power supply installable
- ◆ Field replaceable PS/2 PSU applicable, easy for maintenance

IRC305 is a compact and rugged 19" 2U rack-mount chassis designed for space limited application, especially in the telecommunication environment. 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 .

The space inside a cabinet is more valuable than before as the internet business blooming. A 2U chassis, which needs just a compact system for the application, saves half the space than the traditional 4U chassis.

With the power switch protection cap, IRC305 can avoid accidental reset of the system.

General

Construction

Heavy-duty steel with aluminum front panel

Air Filter

One replaceable air filter

Cooling Fan

Two 8cm (35.3cfm) ball bearing fans

Disk Drive Housing

5.25"x1+3.5"x2 (one external FDD, one external HDD)

Indicator

LED indicators for HDD and power
On/Off

Switch

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

Keyboard Connector

Standard 6-pin AT K/B connectors at the front panel

Keyboard Connector Cap

One cap at the front panel

Speaker

One 8 speaker

Standard Color

Beige, black

Dimension

482(W) x 430.6(D) x 88(H) mm
19"(W) x 17"(D) x 3.5"(H)

Weight

Net: 10.5Kg.(23.1Lb)
Gross: 11.5Kg.(25.3Lb)

Backplane

Vertical 6-slot ISA backplane
Vertical 6-slot PICMG 4xPCI backplane

Power Supply (PW-250)

Maximum Output

250W

Output Voltage & Current

+5V@25A, +12V@10A,
-5V@0.5A, -12V@0.5A

Input Voltage

95 - 130V/190 - 254V selectable

Input Frequency

43Hz - 63Hz

Input Current

8A max./115V, 4A max./230V

Efficiency

Min. 70%

MTBF Reliability

Min. 50,000 hours at 25°C (70°F)

Safety

UL/CSA/TUV/FCC/CE/CB

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
◆ Meet EIA RS-310C standard	◆ Easy to fit in different 19" rack-mount cabinet
◆ Replaceable air filter	◆ For easy cleaning
◆ ON/OFF switch protection cap & touch-free reset	◆ Avoid accidental reset of system
◆ K/B connector cap included	◆ For dust-proof for the front K/B connector
◆ Dual ball-bearing cooling fan	◆ Better ventilation to enhance system reliability
◆ Replaceable back panel	◆ Easy to change to different backplanes
◆ Field replaceable PS/2 PSU	◆ Easy maintenance

What's New



Detachable card cage

IRC305 is equipped with a detachable card cage to install the boards more easily.



Dual fans for better ventilation

Dual 8cm ball bearing fan for better ventilation.



Touch-free ON/OFF & reset switch

For security reasons, a switch protection cap is provided to prevent accidental reset.

Ordering Guide

IRC305-06V-25

19" 2U rack-mount chassis with vertical 6-slot ISA backplane and 250W power supply

IRC305-06V4-25

19" 2U rack-mount chassis with vertical 6-slot PICMG 4xPCI backplane and 250W PSU

Engineering Drawing

