

IRC-305

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
- ◆ Two 8cm ball-bearing cooling fans 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

IRC-305 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, IRC-305 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 PS/2 K/B connector 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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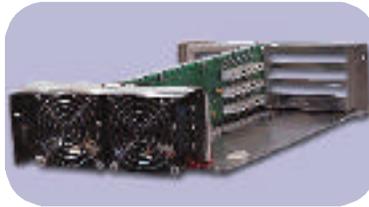
Features	Benefits
◆ Meet EIA RS-310C standard	◆ Easy to fit in different 19" rack-mount cabinet
◆ Replaceable air filter	◆ For easy cleaning
◆ ON/OFF switch protection cap & touch-free reset	◆ Avoid accidental reset of system
◆ K/B connector cap included	◆ For dust-proof for the front K/B connector
◆ Two 8cm ball-bearing cooling fans	◆ 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

IRC-305 is equipped with a detachable card cage to install the boards more easily.



Two fans for better ventilation

Two 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

IRC-305-06V-25

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

IRC-305-06V4-25

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

IRC-305-06V4-30X

19" 2U rack-mount chassis with vertical 6-slot PICMG (4xPCI) Backplane and 300W ATX PSU

Engineering Drawing

