

IRC-306S

6-slot Industrial Node Chassis with NB CD-ROM, FDD and HDD



IRC-306S is a compact and rugged 6-slot node chassis for industrial controller in the space limited application. Since CD-ROM is the most common device for installing s/w, it is equipped with a notebook PC CD-ROM drive for easy installation of the necessary OS or application s/w. Its rugged, sturdy, full-sealed and well-cooled steel chassis is designed to withstand heavy shock, dust, humidity, vibration and high temperature in the harsh environments.

- ◆ Support one 5.25" drive bay for EZDRV-300 or other kind of device
- ◆ Can be vertically or horizontally mounted, easy to fit into space limited environment
- ◆ Fan direction changeable
- ◆ Replaceable air filter for easy cleaning
- ◆ One On/Off switch protection cap and one touch free reset for secure access
- ◆ Equipped with one K/B connector cap to prevent the front K/B connector from the dust
- ◆ One 12cm ball-bearing cooling fan provides better ventilation to enhance system reliability
- ◆ Built-in 130W power supply

General

Construction

Heavy-duty steel

Air Filter

One replaceable air filter at the front door

Cooling Fan

One 12cm (86.5cfm) ball-bearing fan

Disk Drive Housing

External: NB CD-ROMx1+NB FDDx1
Internal: NB 2.5" FDDx1

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 rear panel

Keyboard Connector Cap

One cap at the rear panel

Speaker

One 8 speaker

Standard Color

Black, beige

Dimension

172(W) x 256.7(D) x 194(H) mm
6.8"(W) x 10.1"(D) x 7.6"(H)

Weight

Net: 5.5kg (12.1lb)
Gross: 6kg (13.2lb)

Backplane

6-slot ISA Backplane
6-slot PICMG PISA bus Backplane

Power Supply (ORION-130ATX)

Maximum Output

135W

Output Voltage & Current

+5V@15A, +12V@6A, +3.3V@6A
-5V@0.5A, -12V@1A, +5VSB@1A

Input Voltage

90 - 132V/180 - 264V 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/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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Features	Benefits
• Replaceable air filter	• For easy cleaning
• ON/OFF switch protection cap	• Avoid accidental reset of system
• K/B connector cap included	• For dust-proof for the front K/B connector
• One 12cm ball-bearing cooling fan	• Better ventilation to enhance system reliability

What's New



Can be mounted in different styles

IRC-306S allows for vertical and horizontal installation.



Touch-free ON/OFF & reset switch

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



The rear of IRC-306S

IRC-306S has well-cooling design to expire the heat from the system.

Ordering Guide

IRC-306S-06I-135

6-slot node chassis with 6-slot ISA Backplane and 135W power supply

Engineering Drawing

