

IRC-750

19" 5U Rack-mount CTI Chassis with 6 Drive Bays



- ◆ Enhanced drive bracket to hold 5.25"x4+3.5"x1 (or 1xNB CD-ROM+1xNB FDD) drives for RAID
- ◆ Two 12cm hot-swap ball-bearing cooling fans provide better ventilation
- ◆ Dual card retainer positions
- ◆ Modularized function panel for one, dual or quad systems
- ◆ Power On/Off switch protection cap and touch free reset switch for secure access
- ◆ PS/2 type redundant PSU installable
- ◆ ATX M/B applicable, especially for big-AT size M/B

IRC-750 is an advanced 19" 5U industrial rack-mount chassis designed specially for CTI (Computer Telephony Integration) and fault tolerant server applications.

It's the best choice for installing RAID disk with four 5.25" drives and also the floppy and CD-ROM drive. 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.

General

Construction

Heavy-duty steel with aluminum front panel

Air Filter

One replaceable air filter

Cooling Fan

Two 12cm (86.5cfm) ball-bearing fans

Disk Drive Housing

5.25"x4+3.5"x1 (or 5.25"x1 NB CD-ROM+3.5"x1 NB FDD)

Card Retainer

Two locations for one card retainer

PSU Bracket

Replaceable module for PS/2 or PS/2 redundant PSU

Function Panel

Modularized function panel for one or dual systems

Speaker

One 8" speaker

Standard Color

Beige, black

Dimension

482(W) x 495.3(D) x 221(H) mm
19"(W) x 19.5"(D) x 8.7"(H)

Weight

Net: 19kg (41.8lb)
Gross: 21kg (46.2lb)

Backplane

14-slot ISA BP
14-slot PICMG 12xPCI active BP
14-slot PICMG 7xPCI active BP
14-slot PICMG 4xPCI BP
13-slot PICMG 4xPCI BP
13-slot PICMG dual-system BP

Power Supply (ORION-450AX)

Maximum Output

450W

Output Voltage & Current

+5V@40A, +12V@17A,
+3.3V@28A, -5V@0.5A
-12V@1.5A, +5V&+3.3V (max. 225W)

Input Voltage

95 - 132V/185 - 264V auto-range

Input Frequency

47Hz - 63Hz

Input Current

7A 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

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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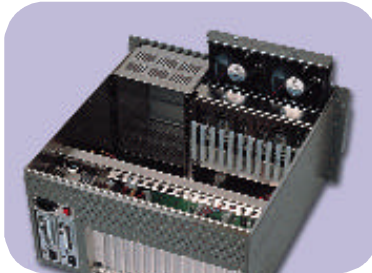
Features	Benefits
◆ 19" 5U rack-mount chassis meets EIA RS-310C standard	◆ Easy to fit in a 19" cabinet from different vendors
◆ Extremely compact size (only 49.5 cm / 19.5")	◆ Economic and easy to choose rack-mount cabinet
◆ Modularized function panel for one, dual, quad systems	◆ Easy for installing dual systems and redundant PSU
◆ ON/OFF switch protection cap and touch-free reset switch	◆ Avoid accidental reset of system
◆ Two 12cm ball-bearing hot-swap cooling fans	◆ Best ventilation to provide higher system reliability
◆ Enhanced drive bracket to hold 4x5.25" + 1x3.5" drives	◆ More flexible to integrate varied systems with RAID
◆ Two adjustable positions for hold-down card retainer	◆ Fix all the cards more flexibly and tightly
◆ Changeable modularized back panel for 14-/8-slot ISA & BP, ATX or baby AT M/B	◆ Need only one minute to change the back panel
◆ Field replaceable power supply bracket for both normal PS/2 PSU and PS/2 type redundant PSU	◆ Easy to change to different PICMG Backplanes and keep stock
	◆ Need only 3 minutes to change defective PSU

What's New



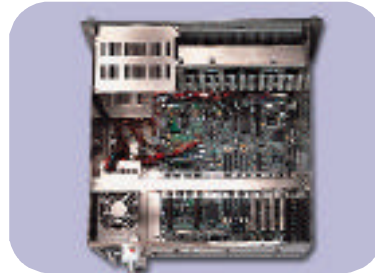
More drive space for expansion

IRC-750 enhances the drives' bracket to hold up to four 5.25" disk drive and one NB type floppy and CD-ROM together. It is easy for you to install a RAID 5 disk array with best reliability.



Two fans for better ventilation

IRC-750 is equipped with two ball-bearing fans to have better ventilation and a replaceable filter to exclude dusts.



ATX Motherboard

ATX and baby AT type motherboards can be installed inside IRC-750 just by changing the modularized back panel.

Ordering Guide

IRC-750-14I-45X

19" 5U rack-mount chassis with 14-slot ISA Backplane and 450W Auto-range ATX PSU

IRC-750-14P4-45X

19" 5U rack-mount chassis with 14-slot PICMG BP and 450W Auto-range ATX PSU

IRC-750-14A7-45X

19" 5U rack-mount chassis with 14-slot 7xPCI PICMG BP and 450W Auto-range ATX PSU

IRC-750-MX-45X

19" 5U rack-mount chassis for ATX M/B with 450W ATX PSU



▲ IRC-750 in black