

IRC-750

19" 5U rack-mount CTI chassis with 6 drive bays



FEATURE

- Enhanced drive bracket to hold 5.25"x4 + 3.5"x1 (or 1xNB CDROM+ 1xNB FDD) drives for RAID
- Two 12 cm hot-swappable ballbearing cooling fans provide better ventilation
- Two card retainer positions
- Modularized function panel for two systems
- One power on/off switch protection cap and one touchfree reset switch for secure access
- PS/2 redundant power supply installable
- ATX M/B applicable



▲ IRC-750 in black

General

Construction	Heavy-duty steel with aluminum front panel
Drive Bay	5.25"x4 + 3.5"x1 (or NB CD-ROMx1 + NB FDDx1)
Card Retainer	Two locations for one card retainer
Cooling Fan	Two 12 cm ball-bearing fans
Indicator	Power on/off x2, HDD x2, Power fail x1, PSU1 x1, PSU2 x1
Switch	Power on/off (with a protection cap) x1, System reset x2, Alarm reset x1
Air Filter	One replaceable air filter
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:19 kg (41.8 lb); Gross:21 kg (46.2 lb)
Backplane	PBP-14I: 14-slot ISA backplane PBP-14AC: 14-slot (12xPCI) active PICMG backplane PBP-14A7: 14-slot (7xPCI) active PICMG backplane PBP-14P4: 14-slot (4xPCI) PICMG backplane PBP-13D4: 13-slot dual-system PICMG backplane

Power Supply (ORION-3001PY optional)

Maximum Output	450W
Output Voltage & Current	+5V@40A, +12V@17A, +3.3V@28A, -5V@0.5A, -12V@1.5A, +5Vsb@1A +5V&+3.3V (max. 225W)
Input Voltage	90V ~ 132V, 180V ~ 264V AC Auto-range
Input Frequency	47~ 63 Hz
Input Current	7A@115V, 4A@230V
Efficiency	>70%
MTBF Reliability	80,000 hrs
Certification	UL, CSA, TUV, FCC, CE

Environment

Operating Temperature Range	0 to +40°C
Storage Temperature Range	0 to +70°C
Relative Humidity	5% to 95%, non-condensin

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FEATURE	BENEFITS
Extremely compact size (only 49.5 cm / 19.5")	Economic and easy to choose rack-mount cabinet
One power on/off switch protection cap and one touch-free reset switch	Avoid accidental reset of system
Two 12 cm ball-bearing hot-swap cooling fans	The best ventilation to provide the system with higher reliability
Enhanced drive bracket to hold 4x5.25" + 1x3.5" drives	For integrating varied systems and RAID with higher flexibility
Two adjustable positions for hold-down card retainer	For fixing all the cards more flexibly and tightly
Changeable modularized back panel for 14-/8-slot ISA backplane, ATX or baby AT M/B	Only one minute to change the back panel Easy to change to different PICMG backplanes and keep stock
Field replaceable power supply bracket for both normal PS/2 and PS/2 redundant power supply	Only 3 minutes to change the defective power supply

WHAT'S NEW



More drive space for expansion

IRC-750 enhances the drive bracket to hold up to four 5.25" drives and one NB FDD and one CDROM 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

Simply changing the modularized back panel, the ATX motherboards can be installed inside IRC-750.

ENGINEERING DRAWING

ORDERING GUIDE

IRC-750-13D4-45X

19" 5U rack-mount chassis with 14-slot (Dual system) backplane and 450W Auto-range ATX power supply

IRC-750-14P4-45X

19" 5U rack-mount chassis with 14-slot (4xPCI) PICMG backplane and 450W Auto-range ATX power supply

IRC-750-14A7-45X

19" 5U rack-mount chassis with 14-slot (7xPCI) PICMG backplane and 450W Auto-range ATX power supply

IRC-750-MX-45X

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

