

IRC-860

19" 6U rack-mount CTI chassis



FEATURE

- 4x5.25"+2x3.5" or 2x5.25"+ 6x3.5" drive bays for RAID
- Three 12 cm ball-bearing cooling fans provide better ventilation for better system reliability
- Special rack-mount handle
- Detachable card cage for ease of installation and maintenance
- Single PS/2 power supply and dual PS/2 400W+400W redundant power supply installable
- Replaceable modularized back panel for 20-slot ISA/PICMG backplane or ATX M/B

General

Construction	Heavy-duty steel with aluminum front panel
Drive Bay	A type: 5.25"x2 + 3.5" x6 B type: 5.25"x4 + 3.5"x2
Card Retainer	Two locations for one card retainer
Cooling Fan	Three 12 cm dual ball bearing fans
Indicator	HDD x4, Power fail x1, PSU1 x1, PSU2 x1
Switch	Power on/off x2, System reset x4, K/B lock x4, PSU fault alarm reset x1
Air Filter	One replaceable air filter for boards and two for drives
Car Cage	Removable card cage for ease of installation
Standard Color	Dark gray, Black
Dimension	482(W) x 495.3(D) x 266(H) mm; 19"(W) x 19.5"(D) x 10.5"(H)
Weight	Net: 22 kg (48.4 lb); Gross: 24 kg (52.8 lb)
Backplane	PBP-19AI: 19-slot (18xPCI) active PICMG backplane PBP-19AC: 19-slot (12xPCI) active PICMG backplane PBP-19P4: 19-slot (4xPCI) PICMG backplane PBP-18D4: 18-slot dual-system PICMG backplane ATX M/B installable

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
Modularized function panel for quad systems	Easy for installing multiple systems and redundant power supply
LEDs & alarm reset switches for redundant power supply	Indicate redundant power supply status at front panel
Detachable card cage for ease of installation and maintenance	Convenient and economic for system integration
Three 12 cm ball-bearing cooling fans	The best ventilation to provide the system with higher reliability
Two types of drive housing of 2x5.25"+6x3.5" or 4x5.25"+2x3.5"	For integrating varied systems and RAID & CD-ROM with higher flexibility
Replaceable modularized back panel for 20-slot ISA & PICMG BP or ATX M/B	Flexible choice and easy to upgrade architecture to satisfy most of the current and future application requirements
Field replaceable power supply bracket for both normal PS/2 power supply and dual PS/2 redundant power supply	Only 3 minutes to change the defective power supply Only 30 seconds to change the defective power supply module

WHAT'S NEW



Detachable card cage

IRC-860 is equipped with a detachable card cage for ease of card installation. It is convenient to link the cables between CPU cards and devices



Replaceable back panel for PSUs

For non-stop operation under CTI systems, its modularized back panel design helps install single or dual PS/2 400W + 400W redundant power supply



Replaceable back panel for backplanes or ATX motherboards

Simply changing the modularized back panel, 20-slot backplanes or ATX motherboards can be installed into IRC-860



Replaceable function panel

Two modular designed function panels are available for quad systems display. Any OEM project is welcome

ORDERING GUIDE

IRC-860B-19P4-450AX

19" 6U rack-mount chassis of 4x5.25"+2x3.5" drives with 19-slot (4xPCI) PICMG backplane and 450W Autorange ATX power supply

IRC-860B-19P4-300S

19" 6U rack-mount chassis of 4x5.25"+2x3.5" drives with 19-slot (4xPCI) PICMG backplane and 300W redundant ATX power supply

IRC-860B-19P4-400S

19" 6U rack-mount chassis of 4x5.25"+2x3.5" drives with 19-slot (4xPCI) PICMG backplane and 400W redundant ATX power supply

IRC-860B-MX-450AX

19" 6U rack-mount chassis of 4x5.25"+2x3.5" drives for ATX M/B with 450W Auto-range ATX power supply

P.S. "A" means 2x5.25"+6x3.5" drives; "B" means 4x5.25"+2x3.5" drives

ENGINEERING DRAWING

