

IRC-860

19" 6U Rack-mount CTI Chassis



- ◆ 4x5.25"+2x3.5" or 2x5.25"+6x3.5" drive bays for RAID
- ◆ Three 12cm ball-bearing cooling fans provide better ventilation for better system reliability
- ◆ New rack-mount handle
- ◆ Detachable card cage for easy installation and maintenance
- ◆ Modularized function panel for one, dual or quad systems
- ◆ Single PS/2 power supply & dual PS/2 400W+400W redundant PSU installable
- ◆ Replaceable modularized back panel for 20-/14-slot ISA/PICMG BP or ATX M/B

IRC-860 is an advanced 19" 6U industrial rack-mount chassis designed specially for CTI (Computer Telephony Integration) and fault tolerant server applications.

Its rugged & detachable card cage is designed for easy installation and three 12cm cooling fans for better

ventilation. Besides, its design concept to prevent high temperature from new high-frequency CPUs and to provide sufficient power source to the system is important for heavy-loading CTI & new servers to get the best reliability.

General

Construction

Heavy-duty steel with aluminum front panel

Air Filter

One replaceable filter for boards and two for drives

Cooling Fan

Three 12cm (86.5cfm) ball-bearing fans

Disk Drive Housing

A type: 2x5.25"+6x3.5";
B type: 4x5.25"+2x3.5"

Card Retainer

Two locations for one card retainer

Card Cage

Removable card cage for easy installation

PSU Bracket

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

Function Panel

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

Standard Color

Beige, black

Dimension

482(W) x 495.3(D) x 266(H) mm
19"(W) x 19.5"(D) x 10.5"(H)

Weight

Net: 22kg (48.4lb)
Gross: 24kg (52.8lb)

Backplane

20-slot ISA Backplane
20-slot PICMG 4-system BP
19-slot PICMG (18xPCI) active BP
19-slot PICMG (12xPCI) active BP
19-slot PICMG (4xPCI) BP
18-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

IRC-860

19" 6U Rack-mount CTI Chassis

Features	Benefits
◆ 19" 6U 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 multiple systems and redundant PSU
◆ Reserve LEDs & beep reset switches for redundant PSU	◆ Easy to keep stock and OEM project
◆ Detachable card cage for easy installation and maintenance	◆ Convenient and economic for system integration
◆ Three 12cm ball-bearing cooling fans	◆ The best ventilation to provide higher system reliability
◆ Two types of drives housing for 4x5.25"+2x3.5" or 2x5.25"+6x3.5" drives	◆ More flexible to integrate varied systems with RAID & CD-ROM
◆ Replaceable modularized back panel for 20-/14-slot ISA & PICMG BP or ATX M/B	◆ Flexible choice and easy upgrade of architecture to satisfy most current and future application requirements
◆ Field replaceable power supply bracket for both normal PS/2 PSU and dual PS/2 type redundant PSU	◆ Need only 3 minutes to change defective PSU ◆ Only 30 seconds to change defective PSU module

What's New



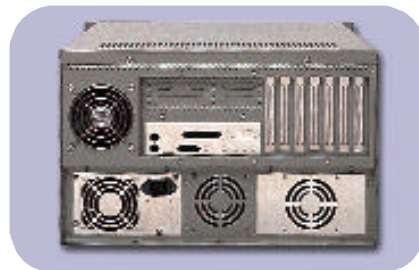
Detachable card cage

IRC-860 is equipped with a detachable card cage to ease 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 help to install single or dual PS/2 400W + 400W redundant PSU.



Replaceable back panel for different Backplanes or ATX motherboard

By changing the modularized back panel, different 20-slot Backplanes or ATX and baby AT motherboards can be installed into IRC-860.



Replaceable function panel

Three modular designed function panels are available for single, dual and 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 PICMG Backplane and 450W Auto-range ATX power supply

IRC-860B-19P4-300S

19" 6U rack-mount chassis of 4x5.25"+2x3.5" drives with 19-slot 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 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