RPC-500N/L

19" 4U industrial rack-mount P4 chassis

FEATURE

- 5.25"x3 +3.5"x2 drive bays for RAID 0, 1, 5 & CD-ROM

- Two ball-bearing cooling fans for better ventilation

- Traditional rack-mount handles

- Two card retainer positions

- One K/B connector cap included

- One modularized function panel for single(default) and dual (optional) systems

- ATX M/B applicable, especially for big-AT sized M/B

- PS/2 redundant power supply installable

▲ Top view of IRC-500N/L

Except the rack-mount handle, IRC-500N is the same as RPC-500N. It's the best selling 4U rack-mount chassis for CTI, industrial, scientific, engineering and server applications.

General

Construction	Heavy-duty steel with aluminum front panel
Drive Bay	External: 5.25"x3 + 3.5" FDD x1
	Internal: 3.5" HDD x1
Card Retainer	Two locations for one card retainer
Cooling Fan	One 12 cm and one 8 cm ball-bearing cooling fans
Indicator	Power on/off x1, HDD x1
Switch	Power on/off x1, System reset x1, K/B lock x1
Air Filter	One replaceable filter
Connector	One 5-pin K/B connector on the front panel with a cap
Standard Color	Beige, Black
Dimension	RPC-500N: 482(W) x 450(D) x 177(H) mm; 19"(W) x 17.7"(D) x 7"(H))
	RPC-500L: 482(W) x 515(D) x 177(H) mm; 19"(W) x 20.3"(D) x 7"(H)
Weight	RPC-500N: Net: 14 kg.(30.9 lb); Gross: 15kg.(33.1 lb)
	RPC-500L: Net: 17.5 kg.(38.6 lb); Gross: 18.5 kg.(40.8 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-330A optional)

Maximum Output	330W
Output Voltage & Current	+5V@30A, +12V@14A, -5V@0.5A, -12V@1A
Input Voltage	90V ~ 132V, 180V ~ 264V AC Auto-range
Input Frequency	47 ~ 63 Hz
Input Current	10A@115V, 5A@230V
Efficiency	> 70%
MTBF Reliability	80,000 hrs
Certification	UL, cUL,TUV, CE, FCC

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
A lockable front door with acrylic windows	Good for dust-proof & Running status visible
One power on/off switch with LED indicator, one reset and one K/B lock switches inside the lockable door	Avoid accidental reset for better running security
Modularized function panel for one or dual systems Reserve LED holes for redundant power supplies	Easy to keep stock and OEM project
Front replaceable air filter	For installing dual systems and redundant power supplies more easily
One K/B DIN connectors on the front panel	For easy cleaning
One PS/2 K/B connector on the front panel	Convenient to connect to the keyboard
One K/B connector cap	Good for dust-proof for the front accessible K/B connector
Two ball-bearing cooling fans	Better ventilation to provide the system with higher reliability
Enhanced drive bracket to hold 3x5.25"+1x3.5" (external) and 1x3.5" drives (internal)	For integrating varied systems with higher flexibility
Shock-resistant cushion for the drive bracket	Suitable for installing RAID and CD-ROM drive
Two adjustable positions for hold-down card retainers	For fixing all the cards more flexibly and tightly
Changeable modularized back panel for 14-slot ISA/PICMG backplane or ATX M/B	Only one minute to change the back panel Easy to change to different backplanes and keep stock
Field replaceable power supply bracket for both normal PS/2 power supply and PS/2 type redundant power supply	Only 3 minutes to change the defective power supply Only 30 seconds to change the defective PSU module

WHAT'S NEW

Replaceable function panel

Two modular designed function panels are available for single or dual system display panels. Any OEM project is welcome.

ORDERING GUIDE

RPC-500N-14P4-330X

19" 4U rack-mount chassis with 14-slot (4xPCI) PICMG backplane and 330W ATX power supply

RPC-500N-14P4-300IPY

19" 4U rack-mount chassis with 14-slot (4xPCI) PICMG backplane and 300 PFC ATX power supply

RPC-500N-14A7-330X

19" 4U rack-mount chassis with 14-slot (7xPCI) PICMG backplane and 330W ATX power supply

RPC-500N-MX-330X

19" 4U rack-mount chassis for ATX M/B with 330W ATX power supply

RPC-500N-MX-B4601

19" 4U rack-mount chassis for ATX M/B with 460W PFC ATX power supply

(Chassis can be changed to RPC-500N or RPC-500L)

ENGINEERING DRAWING

IRC-500N

RPC-500N

RPC-500L

Unit: mm