

# RPC-500NC

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
- 2 USB ports
- 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

## General

<b>Construction</b>	Heavy-duty steel with aluminum front panel
<b>Drive Bay</b>	External: 5.25"x3 + 3.5" FDD x1 Internal: 3.5" HDD x1
<b>Card Retainer</b>	Two locations for one card retainer
<b>Cooling Fan</b>	One 12 cm and one 8 cm ball-bearing cooling fans
<b>Indicator</b>	Power on/off x1, HDD x1
<b>Switch</b>	Power on/off x1, System reset x1, K/B lock x1
<b>Air Filter</b>	One replaceable filter
<b>Connector</b>	2 USB ports on the front panel
<b>Standard Color</b>	Beige, Black
<b>Dimension</b>	RPC-500NC: 482(W) x 450(D) x 177(H) mm; 19"(W) x 17.7"(D) x 7"(H))
<b>Weight</b>	RPC-500NC: Net: 14 kg.(30.9 lb); Gross: 15kg.(33.1 lb)
<b>Backplane</b>	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 (PW-330ATXE-12V optional)

<b>Maximum Output</b>	330W
<b>Output Voltage &amp; Current</b>	330W ATX for PRC-2193P: +5V@30A, +12V@16A, +3.3V@28A, -5V@0.3A, -12V@0.8A, +5Vsb@2A
<b>Input Voltage</b>	90V ~ 132V, 180 ~ 264V AC selectable
<b>Input Frequency</b>	47 ~ 63 Hz
<b>Input Current</b>	10A@115V, 5A@230V
<b>Eff ciency</b>	> 70%
<b>MTBF Reliability</b>	100,000 hrs
<b>Certificatio</b>	UL, cUL,TUV, CE, FCC

## Environment

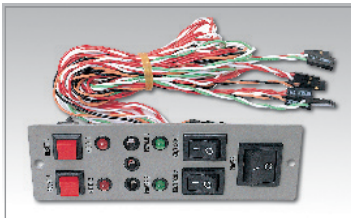
<b>Operating Temperature Range</b>	0 to +55°C
<b>Storage Temperature Range</b>	0 to +70°C
<b>Relative Humidity</b>	5% to 95%, non-condensin

# RPC-500NC

19" 4U industrial rack-mount P4 chassis

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
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
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 visibly 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-500NC-MX-330X

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

### RPC-500NC-00-330X

19" 4U rack-mount chassis for 14-slot PICMG backplane with 300W ATX power supply

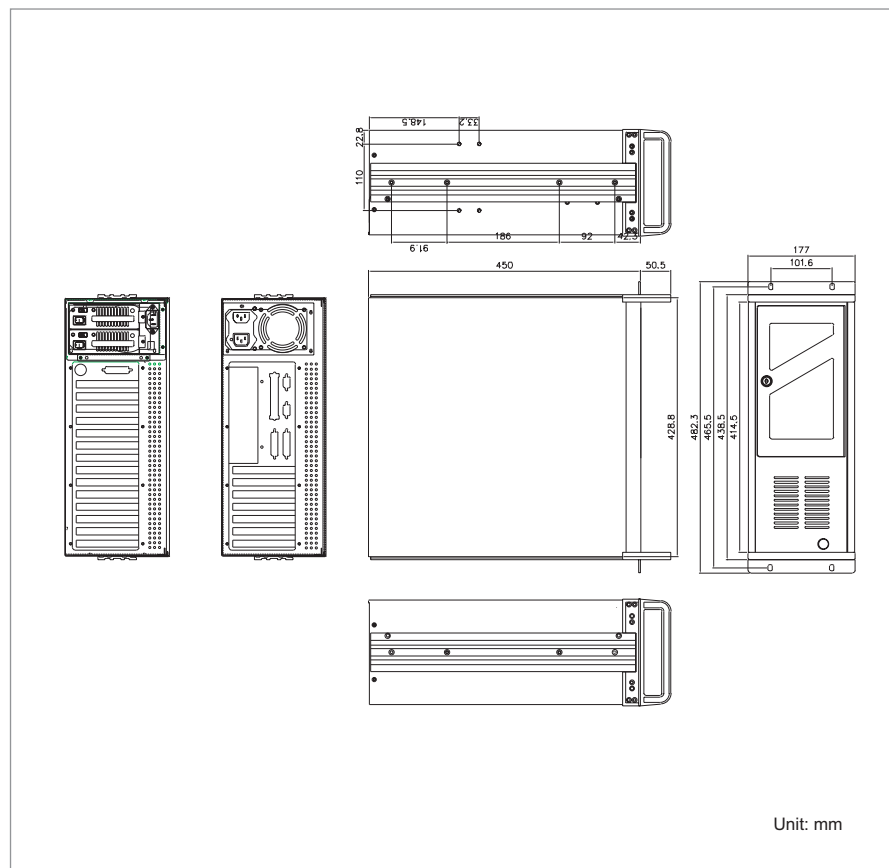
### RPC-500NC-00-00

19" 4U rack-mount chassis for 14-slot PICMG backplane

### RPC-500NC-MX-00

19" 4U rack-mount chassis for ATX M/B

## ENGINEERING DRAWING



Unit: mm