

RPC-500NP

The Most Cost-effective 19" 4U Rack-mount PC Chassis



- ◆ Three 5.25" and two 3.5" drive bays for RAID 0, 1, 5 & CD-ROM
- ◆ Two ball-bearing cooling fans for better ventilation
- ◆ Traditional rack-mount handles
- ◆ Dual card retainer positions and one K/B connector cap included
- ◆ One modularized function panel for single & dual systems
- ◆ ATX M/B applicable, especially for big-AT size M/B
- ◆ PS/2 redundant power supply installable

RPC-500NP is the most cost-effective 19" 4U rack-mount chassis designed for various kinds of servers, Computer Telephony Integration (CTI) and telecommunication applications.

The rugged, sturdy, full-sealed and well-cooled steel chassis is specially designed to withstand heavy shocks, dust, humidity, trembling vibration and extremely high operating temperature in the harsh environment.

These useful enhancements to meet the newest technology make RPC-500NP the best choice to integrate your rack-mount systems.

We enhanced RPC-500NP with a special designed driver- set to hold one more device such as CD-ROM with FDD inside the chassis, it will leave more device space for high level application.

General

Construction

Heavy-duty steel with aluminum front panel

Air Filter

One replaceable filter

Cooling Fan

One 12cm (86.5cfm) and one 8cm (35.3cfm) ball-bearing cooling fans

Disk Drive Housing

3x5.25"+2x 3.5" (one for external FDD and one for internal HDD) drive bays

Card Retainer

Two locations for one card retainer

Switch

One for reset, one for power On/Off and one for K/B lock

Keyboard Connector

Standard PS/2 K/B connector at the front panel

Keyboard Connector Cap

One cap at the front panel

Standard Color

Beige, black

Dimension

482(W) x 450(D) x 177(H) mm
19"(W) x 17.7"(D) x 7"(H)

Weight

Net: 15.5kg (34.4lb)
Gross: 17.5kg (38.9lb)

Backplane

14-slot ISA backplane
14-slot PICMG 12xPCI active Backplane
14-slot ctive Backplane
14-slot PICMG 4xPCI Backplane
13-slot PICMG dual-system Backplane

Power Supply (ORION-330A)

Maximum Output

330W

Output Voltage & Current

+5V@30A, +12V@14A,
-5V@0.5A, -12V@1A

Input Voltage

95 - 132V/185 - 264V Auto-range

Input Frequency

47Hz - 63Hz

Input Current

10A max./115V, 5A 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

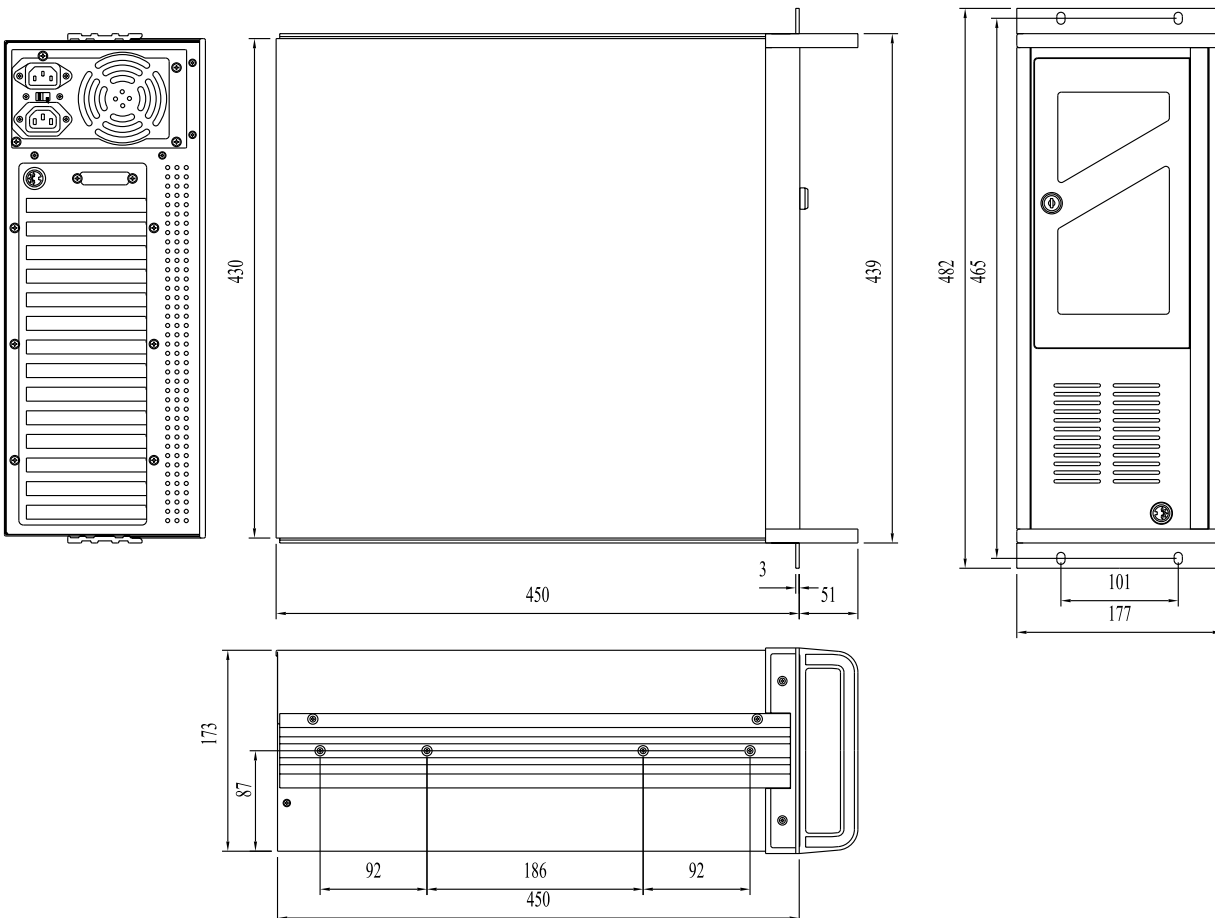
◆ CD-ROM & mobile rack are optional items , not included in standard models .

RPC-500NP

The Most Cost-effective 19" 4U Rack-mount PC Chassis

| Features | Benefits |
|---|--|
| ♦ 19" 4U Rack-mount chassis meets EIA RS-310C standard | ♦ Easy to fit in a 19" cabinet from different vendors |
| ♦ A lockable front door with acrylic windows | ♦ Good for dust-proof |
| ♦ Power switch with LED indicator, reset and K/B lock switches inside the lockable door | ♦ Avoid accidental reset for better running security |
| ♦ Modularized function panel for one or dual systems | ♦ Running status visible |
| ♦ Reserve LED holes for redundant PSU | ♦ Easy for installing dual systems and redundant PSU |
| ♦ Replaceable air filter | ♦ Easy to keep stock and OEM project |
| ♦ New K/B connector cap | ♦ Good for easy cleaning |
| ♦ Two ball-bearing cooling fans | ♦ Good for dust-proof at the front K/B connector |
| ♦ Enhanced drive bracket to hold 3x5.25"+1x3.5" (or EZ-Kit) and 1x3.5" drives (internal) | ♦ Better ventilation to provide the system with higher reliability |
| ♦ Shock-mount cushion for the drive bracket | ♦ More flexibility to integrate varied systems |
| ♦ Changeable modularized back panel for 14-slot ISA/PICMG BP or ATX M/B | ♦ Suitable for installing RAID and CD-ROM drive |
| ♦ Field replaceable power supply bracket for both normal PS/2 PSU and PS/2 type redundant PSU | ♦ Suitable for harsh industrial environment |
| | ♦ Only one minute needed to change the back panel |
| | ♦ Easy to change to different Backplanes and keep stock |
| | ♦ Only 3 minutes needed to change the defective PSU |
| | ♦ Only 30 seconds to change the defective PSU module |

Engineering Drawing





INDUSTRIAL & COMMUNICATION PRODUCTS

Rack-Mount PC-500NP

24X