

PRC-2193/PRC-2193P

Advanced 19" 2U Industrial Rack-mount PC Chassis



- ◆ 19" rack-mount chassis meets EIA RS-310C industrial standard
- ◆ Rugged construction and design for harsh industrial environment
- ◆ Power On/Off switch with LED indicator and a reset switch inside the lockable door
- ◆ Two cooling fans generate positive air for better ventilation
- ◆ Easily installed drive bracket with shock-resistant cushion and well-conductive rubber
- ◆ Special design for 4 full-length cards

PRC-2193 is a 19" 2U rack-mount chassis designed for space limited applications, especially in the Internet environment. Its rugged, sturdy, full-sealed steel chassis and well-concerned ventilation are designed to withstand shocks, dust, humidity, trembling vibration and high operating temperature in the harsh environment.

Besides, PRC-2193 can adopt either PICMG Backplane for SBC (PRC-2193P) or ATX motherboard (PRC-2193) to meet customers' versatile demands. With PICMG

structure, you can have 4 PCI slots for expansion and 2 PCI slots for ATX motherboard structure.

The space inside a cabinet is more valuable than before as the Internet business booming. As a 2U chassis, a compact system for the application, PRC-2193 saves half the space than the traditional 4U chassis.

The lockable front door of PRC-2193 gives you a better data protection for system security.

General

Construction

Heavy-duty steel with aluminum front panel

Air Filter

One replaceable air filter

Cooling Fan

Two 8cm ball-bearing cooling fans

Disk Drive Housing

PRC-2193P:

3 drive bays, one for 5.25", two for 3.5" (one internal)

PRC-2193:

4 drive bays, one for 5.25", three for 3.5" (two internal)

Indicator

LED indicators for HDD and power On/Off

Switch

One for reset and one for power On/Off

Speaker

One 8 speaker

Standard Color

Beige, black

Dimension

482.6(W) x 495.1(D) x 88.6(H) mm
19"(W) x 19.5"(D) x 3.5"(H)

Weight

Net: 10.5kg (23.1lb)
Gross: 11.5kg (25.3lb)

Backplane (for PRC-2193P)

Vertical 6-slot (4xPCI) Backplane

Power Supply

Output Voltage & Current

300W ATX for PRC-2193P:

+5V@26A, +12V@11A,
+3.3V@6A, -5V@0.25A, -12V@1A

150W ATX for PRC-2193:

+5V@30A, +12V@14A,
+3.3V@7A, -12V@0.3A

Input Voltage

AC 95 - 130V, 190 - 254V selectable

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/CE

Environment

Operating Temperature Range

0 to +55°C

Storage Temperature Range

0 to +70°C

Relative Humidity

5 to 95% non-condensing



▲ PRC-2193 in beige

PRC-2193/PRC-2193P

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Features	Benefits
◆ Meet EIA RS-310C standard	◆ Easy to fit in different 19" rack-mount cabinet
◆ Replaceable air filter	◆ For easy cleaning
◆ Dual ball-bearing cooling fans	◆ Better ventilation to enhance system reliability
◆ Replaceable back panel	◆ Easy to change to different backplane
◆ Front door equipped with a key	◆ Better security control for the system
◆ Field replaceable PS/2 power supply	◆ Easy for maintenance

What's New



Visible Drive Cover

Switches are inside the drive cover of PRC-2193 for better security control.



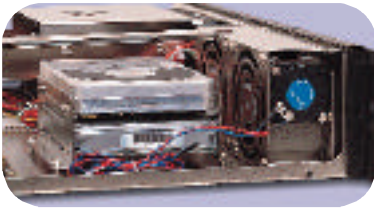
Two fans for better ventilation

Two 8cm ball-bearing fans are equipped to keep better ventilation inside.



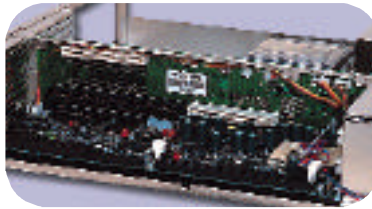
Smart PCI Raiser Cards for M/B

PRC-2193 is built with 2 PCI raiser cards to have two PCI slots in good reliability.



Space for Dual 3.5" HDD in PRC-2193

PRC-2193 reserves two 3.5" HDD drive bays behind the fan sets to give higher system performance.



Well designed B/P for PRC-2193P

PRC-2193P can hold a PBP-06V4 to offer 4 PCI slots to PICMG system.



Space for 3.5" HDD in PRC-2193P

PRC-2193P reserves one 3.5" HDD drive bays between PSU and CD-ROM.

Ordering Guide

PRC-2193-MX-30S

Advanced 19" 2U rack-mount chassis for ATX M/B with 2 PCI slots and 300W Micro ATX PSU

PRC-2193-MX-15X

Advanced 19" 2U rack-mount chassis for ATX M/B with 2 PCI slots and 150W ATX Micro PSU

PRC-2193P-06V4-30X

Advanced 19" 2U rack-mount chassis with PICMG Backplane, 4 PCI slots and 300W ATX PSU

Engineering Drawing

