

# PRC-1173

## Super Slim 19" 1U Industrial Rack-mount PC Chassis



- ◆ 19" rack-mount chassis meets EIA RS-310C industrial standard
- ◆ The slimmest design for Internet application
- ◆ Power On/Off switch on the rear side and a reset switch inside the lockable door
- ◆ Four cooling fan generate positive air for better ventilation
- ◆ Easily installed drive bracket with shock-resistant cushion design
- ◆ Special backplane design for one PCI or ISA slot

PRC-1173 is a super slim 19" 1U height rack-mount chassis designed for space limited applications, especially in the internet colocation application. 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.

Designed as a user-concerned product, PRC-1173 is equipped with an optional PCI or ISA slot for expansion. It can hold one more PCI add-on card than any other legacy design to offer the best flexibility and meet customers'

demands.

The space inside a cabinet is more valuable than before as the internet business is booming lately. As an 1U chassis, a super slim system for the application, PRC-1173 saves much more space than the traditional 4U chassis.

To overcome the space limitation problem, PRC-1173 integrates CD-ROM, FDD and HDD together inside the rack. Only of 1U height, PRC-1173 has all the necessary functionality as a 2U or 4U system.

### General

#### **Construction**

Heavy-duty steel with aluminum front panel

#### **Air Filter**

One replaceable air filter

#### **Cooling Fan**

Four 4cm ball bearing cooling fans

#### **Disk Drive Housing**

Special bracket and converting board to hold notebook type CD-ROM, FDD and HDD together inside a 5.25" drive bay

#### **Indicator**

LED indicators for HDD and power On/Off

#### **Switch**

One for reset and one for power On/Off with a protection cap

#### **Keyboard Connector**

Standard 6-pin PS/2 K/B connectors at the front panel

#### **Speaker**

One 8 speaker

#### **Standard Color**

Beige, black

#### **Dimension**

482.6(W) x 438(D) x 44(H) mm  
19"(W) x 17.2"(D) x 1.7"(H)

#### **Weight**

Net: 8.5Kg. (18.7Lb)  
Gross: 9.5Kg. (20.9Lb)

#### **Backplane**

Vertical 2-Slot PCI or ISA backplane

#### **Power Supply**

##### **Output Voltage & Current**

+5V@10A, +12V@6A,  
-5V@0.2A, -12V@1A

##### **Input Voltage**

AC 95 - 135V, 180 - 265V AC auto range

##### **Input Frequency**

47Hz - 63Hz

#### **Input Current**

40A max./115V, 2A max./230V

#### **Efficiency**

Min. 60%

#### **MTBF Reliability**

Min. 50,000 hours at 25°C (70°F)

#### **Safety**

UL/TUV/CUL/CE/FCC

#### **Environment**

##### **Operating Temperature Range**

+10 to +50°C

##### **Storage Temperature Range**

-20 to +60°C

##### **Relative Humidity**

5 to 95% non-condensing

# PRC-1173

## Super Slim 19" 1U Rack-mount PC Chassis

Features	Benefits
◆ Meet EIA RS-310C standard	◆ Easy to fit in different 19" rack-mount cabinet
◆ Replaceable air filter	◆ For easy cleaning
◆ Four 4cm ball-bearing cooling fans	◆ Better ventilation to enhance system reliability
◆ Smart design of 3 in 1 drives	◆ FDD, HDD & CD-ROM only take 5.25" drive space
◆ Equipped with a front door	◆ Better security control for the system
◆ One PCI or ISA expansion slot available	◆ New legacy cards adoptable
◆ Customized 150W power supply	◆ Provide sufficient power source to the system

### What's New



#### Smart 3 in 1 drive kit

A smart design to integrate CD-ROM, FDD and HDD into a 5.25" drive bay.



#### Well-designed cooling system

With four 4cm cooling fan to expire heat, PRC-1183 gives higher reliability.



#### Flexible design for slot expansion

The unique design can hold the PCI or ISA add-on card without modification needed.



#### Visible system operation

The system operation is visible through the window for LED status

### Ordering Guide

#### PRC-1173-02V1-15A

Super slim 19" 1U height rack-mount PC chassis with 2-slot PCI or 1-slot ISA BP and 150W auto range PSU



▲ PRC-1173 in beige

### Engineering Drawing

