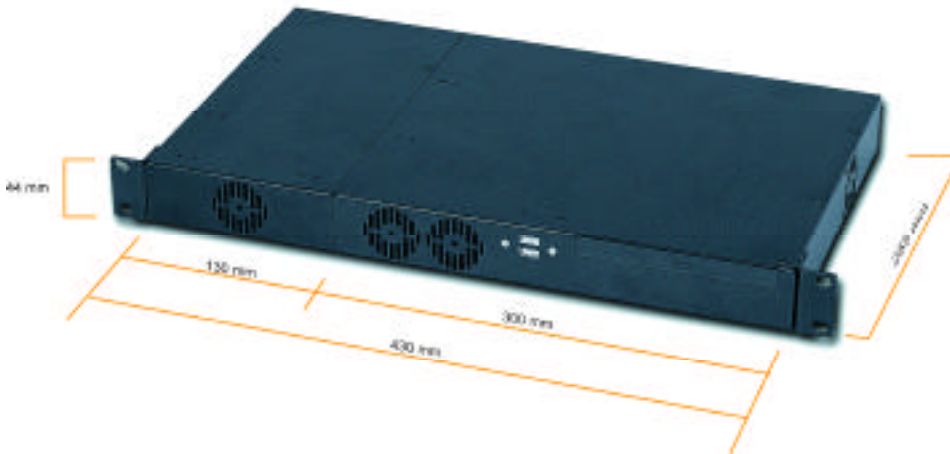


# PEC-3002/PRC-1102

Chassis for half-size PCI SBC with high flexibility

## Feature



- High flexibility for multiple applications**  
 Rackmount application: when equipped with expansion slots  
 Desktop application: when without expansion slots
- Excellent thermal solution**  
 Four system fans; passed 45°C burn-in test with Pentium® III processor up to 1GHz
- Easy access**  
 Two front accessible USB ports
- Environmental consideration**  
 Fan filter for dustproof; grounding spot for EMI shielding

PEC-3002 (embedded system) and PRC-1102 (1U rack mount system) are Portwell's newest design for half-size PCI boards. Under consideration of both entry server and embedded system demands, we designed a modularized mechanical, providing higher flexibility to both embedded and rack

mount applications. PEC-3002 equipped half-size PCI SBC as core engine; PRC-1102 is PEC-3002 plus 2 PCI slot expansion. Simply add-on expansion module to PEC-3002 for expands function out of the half-size SBC.

## General

Construction	Heavy-duty 1mm steel
Device Bays	One slim CD-ROM and one 3.5" HDD
Air Filter	Filter at front side
Indicators	One power on/off LED, one HDD access LED
Switch	One power on/off switch with protect cap, one reset switch
Speaker	None
Connectors	One PS/2 connector for Keyboard / Mouse, one VGA connector, one RJ-45 LAN & three USB ports (two at front; one at rear) for PEB-6630/6631VLA
Standard color	Black
Dimension (H x W x D)	PEC-3002: 300(W) x 255(D) x 44(H) mm (11.8" x 10" x 1.7") PRC-1102: 481.6(W) x 255(D) x 44(H) mm (19" x 10" x 1.7")
Weight	PEC-3002: 3.6 Kg PRC-1102: 4.2 Kg

## Power Supply

MPE-8071

Maximum Output	70W
Output Voltage & Current	+5V@12A, +12V@2.5A, -12V@0.3A
Input Voltage	85 - 270V AC
Input Frequency	47Hz - 63Hz
Input Current	2A max./115V, 1A max./230V
Efficiency	> 70%
MTBF Reliability	276193 hrs
Safety	UL / CSA

## Backplane

ABP-03V2A (for PRC-1102 only)

Feature	2- slot PCI Passive Backplane
Dimension	226( L) x 40( W) mm

## Environment

Operating Temperature Range	0 to +45°C
Storage Temperature Range	0 to +70°C
Operating Humidity	5 to 95% non-condensing

## ! What's new



Compact size Panel PC



Excellent thermal solution



Two modules in join direction

## Ordering Guide

### PRC-1102-03V2A-8071

- 1U rack mount chassis w/PCI slot x 2, slim CD-ROM, 70W power supply

### PEC-3002-8071

- Embedded chassis w/slim CD-ROM, 70W power supply