

PEC-3022

Chassis for half-sized PCI SBC with one hot-swappable IDE drive bay



Feature

- **Hot-swappable hard drive bay**
For ease of maintenance and data backup
- **Lockable front door**
Provide better security to the hot-swappable hard drive within the system
- **Flexible I/O cutout**
Separate I/O panel design, easy to meet different I/O output
- **Exchangeable air filter**
Dustproof air filter for ease of clean and exchange.
- **Excellent cooling system**
Dedicate cooling fans for expiring the heat on the hot spots within the chassis

PEC-3022 is an advanced embedded system chassis designed especially for those applications in need of PCI expandability and easy field maintenance, such as DVR and factory data collection.

With specially designed adapter board, it takes less space and effort to install the hot-swappable IDE hard drive. The adapter board automatically detects hard drive to trigger power to the HDD for better hard drive and data protection.

Under consideration of user interface, PEC-3022 has many user-friendly designs. When configured with PEB-6530VL or PEB-6630VLA/6631VLA CompactFlash/DOC/DOM equipped SBC, users can have OS and application software installed in CF/DOC/DOM and data in hot-swappable hard drive. The system can detect connection of the hard drive by checking status signal on adapter board via general-purpose input of SBC.

General

Construction	Heavy-duty steel
Drive bay	One NB CD-ROM and one hot-swappable 3.5" HDD
Air Filter	One air filter at the front
Cooling Fan	Three 4 cm ball-bearing cooling fans
Indicator	Power on/off x1, HDD x1
Switch	Power on/off (with a protection cap) x1, System reset x1
Speaker	N/A
Connector	Reserve one PRT and one COM cutouts
Standard color	Black
Dimension (H x W x D)	360(W) x 301(D) x 50(H) mm; 14.2"(W) x 11.9"(D) x 2.0"(H)
Weight	Net: 8 kg (17.64 lb); Gross: 10 kg (22.05 lb)

Power Supply

MPE-8071

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

Backplane

PBP-02P1

Feature	2-slot (1xPCI) backplane
Dimension	156(L) x 44(W) mm

Environment

Operating Temperature Range	0 to +40°C
Storage Temperature Range	0 to +70°C
Operating Humidity	5 to 95% non-condensing

What's new



Hot-swappable IDE drive



One PCI expansion



Flexible I/O cutout

Ordering Guide

PEC-3022-02P1-8071

- Chassis for half-sized PCI SBC with one PCI expansion slot and one hot-swappable IDE drive bay

ps.Supported IDE HDD brands: Seagate, IBM, Quantum, Fujitsu and Samsung IDE hard drive