PEC-1021

Chassis for 3.5" embedded system board with high flexibility

Feature

- **Front display**
  Optional LCD display kit (EZIO)
- **Environmental consideration**
  Fan filter for dust proof; grounding spot for EMI shielding
- **Storage**
  One 2.5" slim HDD device bay for local data and program storage
- **PCMCIA capability**
  Space reserved for PCMCIA (PC/104 module) expansion for external connection of storage and Ethernet

PEC-1021 is our advanced embedded system chassis for 3.5" ESB. To ensure the maximum and flexible configuration in various application, it supports one 2.5" HDD and a 70W power supply in a compact chassis. For 3.5" ESB it also supports one optional PC/104 PCMCIA board expansion. Optional control & display kit (EZIO) at the front side for simplify input and output equipment. We treat PEC-1021 as a standard model for general purpose system. Any special requirements for customer's application, Portwell is willing to make a private label model for you.

General

Construction	Heavy-duty 1mm steel
Device Bays	Reserve one 2.5" slim HDD space
Air Filter	One filter at front side
Indicators	None
Switch	One power on/off switch with protect cap
Speaker	None
Connectors	Stand model fit ROBO-503 and PEB-2530VL (special upon your request)
Standard color	Black
Dimension	245(W) x 180(D) x 55(H) mm; 9.6"(W) x 7.1"(D) x 2.2" (H)
Weight	2.0 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

Environment

Operating Temperature Range	0 to +55˚C
Storage Temperature Range	0 to +70˚C
Operating Humidity	5 to 95% non-condensing

What's new

Flexible I/O panel for different boards

External assessable Compact Flash socket

Optional PC/104 PCMCIA board

Ordering Guide

PEC-1021-8071
- Embedded chassis with 70W open frame power supply for ROBO-503 or PEB-2530

EZIO-100
- Compact & fully integrated user interface for communication appliance