

MBPC-200 Series/ PS-50A/PS-25D

MicroBox 3.5" Biscuit SBC
Chassis and Power Supply



CE FCC UL

Introduction

The MBPC-200 MicroBox PC chassis is an ideal case for system integrators using any card from Advantech's slot Biscuit single board computers.

The PS-50A 50 watt switching power supply has an AC input of 100 ~ 240 volts and DC outputs of +5 volts and +12 volts. The PS-50A is especially designed to operate with Advantech's MBPC-200 series.

Specifications

MBPC-200 Chassis

- **Chassis** 1 expansion slot for PC/104
2.5" HDD drive space on the top of chassis
- **Dimensions** 39.5 mm x 166 mm x 114 mm (1.55" x 6.53" x 4.45")
- **Combined Weight** 1.1 kg (2.42 lb)

PS-50A 50 W AC Power Supply

- **Input Voltage** 100 ~ 240 V_{AC} auto
- **Output Voltage** +5 V @ 4.5 A, +12 V @ 2 A
- **Operating Temperature** 0 ~ 45° C

PS-25D 25 W DC Power Supply

- **Input Voltage** 9 ~ 36 V_{AC} auto
- **Output Voltage** +5 V @ 5 A, +12 V @ 0.25 A
- **Dimensions (H x W x D)** 44 mm x 166 mm x 113 mm (1.73" x 6.53" x 4.45")
- **Combined Weight** 1.0 kg (2.2 lbs)

Ordering Information

Ordering No.

- **MBPC-200-0023/23L/25/25L/58205820L/5822/5823/5825**
- **MBPC-200-9340F**
- **MBPC-200-9370F**
- **MBPC-200-9371F**
- **MBPC-200-9372F**

Mating Biscuit SBC No.

- MicroBox 3.5" Biscuit SBC Chassis for PCM-4823/4823L/4825/4825L/5820/5820L/5822/5823/5825
- PCM-9340F-OCA1
 - PCM-9370F-L4A1
 - PCM-9371F-J0A1, PCM-9371F-M0A1
 - PCM-9372F-J0A1, PCM-9372F-M0A1, This chassis is 53 mm high, an additional 13.5 mm height is needed to accommodate fan-less heat sink
 - PCM-9373F-J0A1, PCM-9373F-M0A1
- 50 W AC power supply for MBPC-200 series
- 25 W DC-DC power supply for MBPC-200 series

MBPC-200 Dimensions

Unit: mm

