

MBPC-400 Micro SBC Box Series



Introduction

The MBPC-400 Micro SBC Box is an ideal chassis for system integration; it offers great flexibility for housing Advantech's 5.25" Biscuit CPU boards, with potential expansion via PCI interface card and PC-104 extension card. Sporting 4 extendable I/O windows, its compact size allows it to be mounted in equipment as an embedded PC controller.

Features

- Fits all 5.25" Biscuit SBCs
- Built-in 80W Power Supply
- Two PC-104 card extensions, or one PCI plus one PC-104
- DRAM and HDD (2.5" x1) both easily accessible
- 6 cm x 6 cm system cooling fan
- 2U height for rack installation
- four I/O windows for quick and easy customized I/O extension, such as IR, FDD, LPT
- Chassis kit is UL/CE certified

Specifications

Compatible CPU boards, EMI compliance verified

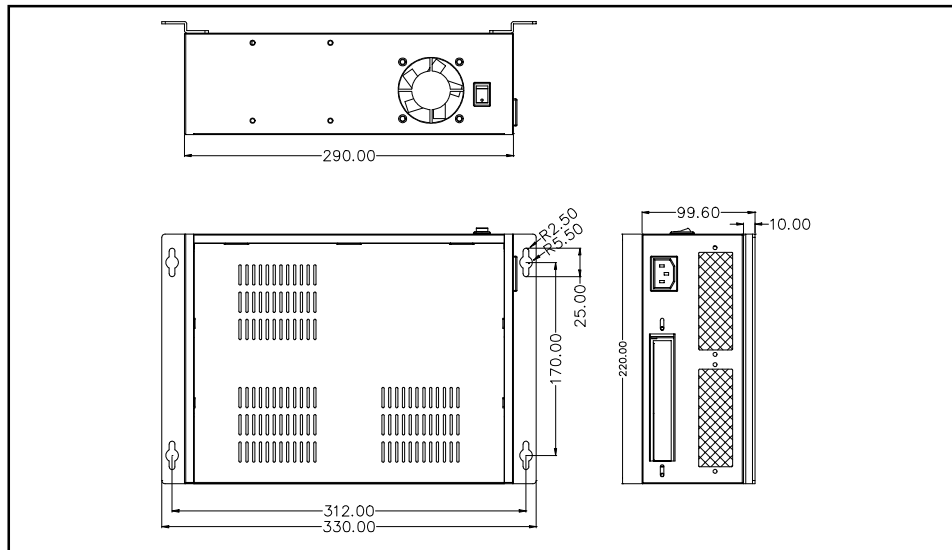
- PCM-9577
- PCM-9576
- PCM-9575
- PCM-9572
- PCM-9550

Power Supply Specifications

- **Output rating:** 80W
- **Input Voltage:** 100-240 VAC Auto
- **Input frequency:** 50-60 Hertz
- **Output voltage:** 5V/12 A, 12V/1 A
- **Temperature :** 0-45° C
- **Operating Humidity:** 0%-85%
- **Safety:** UL, CE LVD certified
- **Chassis dimensions (WxDxH):** 290 x 220 x 90 mm.
- **Weight:** 2.5 kg.

MicroBox PC Chassis and Power Supply

MBPC-400 Series MicroBox PC Chassis Dimensions (mm)



Ordering Information

- The MBPC-400 series includes the main chassis kit, power supply, fan, and harness connector for COM x 4, VGA x 1, Printer x 1, USB x 1, and a small I/O board for LAN and KBD/Mouse, plus an accessory package for HDD harness, screws and an identification sticker for each I/O port.
- Special connections can be customized through the four I/O windows. Please refer to the product specification of SBC series for more details.
- A DC power supply (12V, 24V, 48V) is available by special order.
- Refer to SBC catalog description for additional extensions and applications.

Chassis Kit Number	Accepts SBC board
MBPC-400-COMM	PCM-9577F-00A1
MBPC-400-9577FG	PCM-9577FG with 1G LAN cable kit
MBPC-400-9576	PCM-9576FV-03A1 with daughter board PCM-203 (LAN x 3, DIN x 2) assembled
MBPC-400-COMM	PCM-9575-Q0A1, and PCM-9575-J0A1
MBPC-400-COMM	PCM-9572F-L4A1, and PCM-9572-J4A1
MBPC-400-COMM	PCM-9550F-F0A1, and PCM-9550F-F4A1 PCM-9550FM-F0A, and PCM-9550FM-F4A1

Optional Extras	Description
PCM-110-00A3	Riser card for PCI Extension
968A400000	TV-out module (package includes: cable, BKT, PCM, screws)

Example: For SBC kit PCM-9572F-L4A1, with added RCA connector for TV-out, one DIM, 3 audio; order PCM-9572F-L4A1, plus 968A400000, plus MBPC-400-COMM.