# EBPC-5250

## Embedded Industrial Chassis for 5.25" SBCs

## Features

- Built-in 180 W, ATX, AC-to-DC power supply
- Supports maximum expansion of three PC-104 or PC-104-Plus cards
- Supports maximum two PCI expansion slots
- Two dummy I/O metal plates for quick and convenient customized I/O extension
- Supports drive space for one slim optical disk drive
- Anti-vibration design of one 3.5" HDD bay
- Compact, robust, simple and modularized service-friendly design

CE

## Specifications

| | | | |
|---|---|---|---|
| Drive Bay | | Front-accessible | Internal |
| | Slim Optical Disk Drive | 1 | - |
| | 3.5" | - | 1 |
| Cooling | FAN | 1 (27.5 CFM) | |
| I/O Interface | Front I/O ports | Built-in: 4 x COM, 1 x Parallel, 1 x GPIO, 1 x VGA, 4 x USB, 2 x LAN, 1 x Mini DIN PS/2 mouse, 1 x Mini DIN PS/2 keyboard, 1 x Line in, 1 x Line out, 1 x Mic in<br>Reserved: 1 x DVI, 4 x USB, 4 x COM | |
| | Rear I/O Ports | Reserved: 2 x LVDS, 1 x DVI, S-Video x 1, C-Video x 1 for the optional display module kit | |
| Miscellaneous | Notification LEDs | Power & HDD activity | |
| Environment | | Operating | Non-Operating |
| | Temperature | 0 ~ 45° C (32 ~ 104° F) | -20 ~ 60° C (-4 ~ 140° F) |
| | Humidity | 10 ~ 85% @ 40° C, non-condensing | 10 ~ 95% @ 40° C, non-condensing |
| | Vibration (5 - 500 Hz) | 1 Grms | 2 G |
| | Shock | 10 G (with 11 ms duration, half sine wave) | 30 G |
| Physical Characteristics | Dimensions (W x H x D) | 248 x 118 x 298 mm (9.8" x 4.6" x 11.7") | |
| | Weight | 2.5 kg (5.5 lb) | |

## Power Supply Options

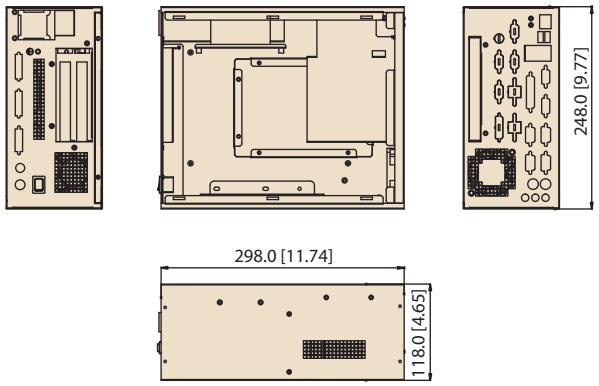
| Part Number | Watt | Input | Output | Mini-load | Safety | MTBF |
|---|---|---|---|---|---|---|
| 1757000277 (ATX) | 180 W | AC 100 ~ 240 V | DC 3.3 V @ 16.8 A,<br>DC 5 V @ 12.0 A,<br>DC 12 V @ 10.0 A,<br>DC 5 VSB @ 2.0 A,<br>DC -12 V @ 0.8 A | +3.3 V @ 0.3 A,<br>+5 V @ 0.3 A,<br>+12 V @ 1.5 A | UL/TUV/CB/CCC | 100,000 hours @ 25°C |

## Front View

## Rear View

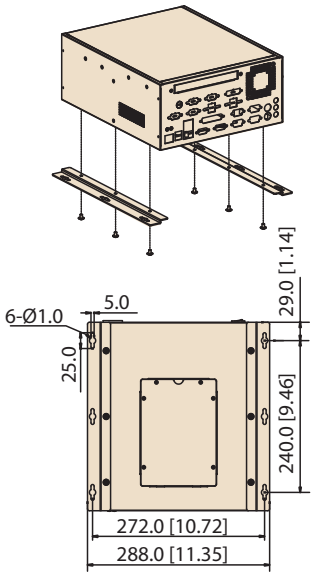
## Dimensions

Unit: mm (inch)




## Installation

Unit: mm (inch)




## Accessories

| Part Number | Description |
|---|---|
| 9896525V00E | Universal display kit with LVDS x 2, DVI x 1, S-video x 1, C-video x 1 and cables |
| 9896012100E | riser card with 2 PCI expansion slots |
| 1700001757 | IDE HDD cable, ATA133, 59 cm |
| 1700000410 | DVI cable 20 cm, connect from 5.25" SBC to front DVI port |
| SDVD-FDD-COMBOE | 5.25" storage kit with slim 8X DVD, 24X CD-RW & standard 3.5" black FDD |
| 96SDVR-8X-I-OP-B | Black slim 8X DVD-RW ROM drive |
| 9668525004E | Cable kit for PCM-9581FG/9582FG/9584 |

## Ordering Information

| Part Number | Power Supply | 5.25" SBC | Regulation |
|---|---|---|---|
| EBPC-5250-82CE | 1757000277 | PCM-9581/9582/9584/9586/9587 | CE |

* The necessary cables for the built-in I/O board are included in the accessory box.
* If user chooses PCM-9581FG/9582FG/9584, please purchase the necessary cable kit.

## Inside View

## Bottom View