

ES-200-80

Attachable SBC Integrated System Box with Intel® Pentium® 4 processor



CE FCC UL

Features

- Mates to Advantech SBC board-PCM-9580F
- Built-in 180 watt power supply
- Two PCI expansion slots
- One 3.5" HDD can be installed
- One built-in slim type CD-ROM
- Multiple I/O interfaces for versatile applications
- Includes attachable open-frame mechanical brackets with OFPC ES-3000 series LCD monitors (ES-3112/ES-3115/ES-3117)

Introduction

ES-200-80 is an SBC system box integrated with Advantech's 5.25", PCM-9580F SBC. This system configuration accommodates various open-frame LCD monitors, offering a flexible OFPC, perfect for kiosk applications.

Networking

Four serial ports and a 10/100Base-T Ethernet controller give the ES-200-80 Series advanced networking capability and provides the best solution for versatile applications.

Extended Capability

The ES-200-80 is designed with one expansion slot for a PCI card, two USB ports, and one 3.5" HDD. Various different display size monitors can be attached to create an OFPC. With such diverse expansion capabilities, the ES-200-80 not only functions as a system box, but establishes a computing center for solid application building.

Specifications

- **CPU** Supports socket 478 CPU Intel® Pentium® 4/Celeron® up to 3.06 GHz
- **Memory** Two 184-pin DIMM sockets, supports Non-ECC DDR 266 up to 2GB
- **HDD** 3.5" IDE HDD x 1 supported
- **CD-ROM drive** Slim type Compact 24X or above
- **Combo drive** Slim type Compact 24X/10X/24X and DVD 8X or above.
- **Graphic** Intel 845GV
- **Expansion Interface** Two expansion slots for half-size PCI card
- **I/O port**
 - 1 x VGA port
 - 1 x parallel port
 - 4 x serial ports : RS-232 3, RS-232/422/485 x 1
 - 2 x USB ports : Support USB1.1 and 2.0
 - 2 x PS/2 ports : 1 x keyboard and 1 x mouse
 - 1 x RJ-45 port : Supports 10/100Base-T Ethernet
 - 3 x audio port : Supports 1 x line-in/1 x line-out/1 x mic-in
 - 1 x DC output: Supports 12 V = 10 A output
- **Dimensions (W x H x D)** 353.6 x 225.6 x 115 mm
- **Weight** 3.4 kg

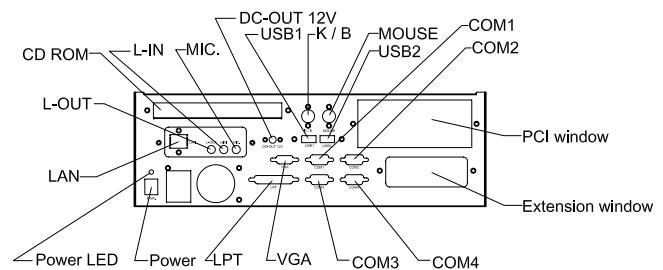
Power

- **Input voltage** AC 100 ~ 240 V, 4 - 2 A, 50 ~ 60 Hz
- **Output voltage** DC 3.3 V = 16.8 A, 5 V = 12 A, 12 V = 10 A, 5 V = 2 A, -12 V = 0.8 A
- **Output rating** 180 W (including ES-200-80 system box and related DC device)

Environment

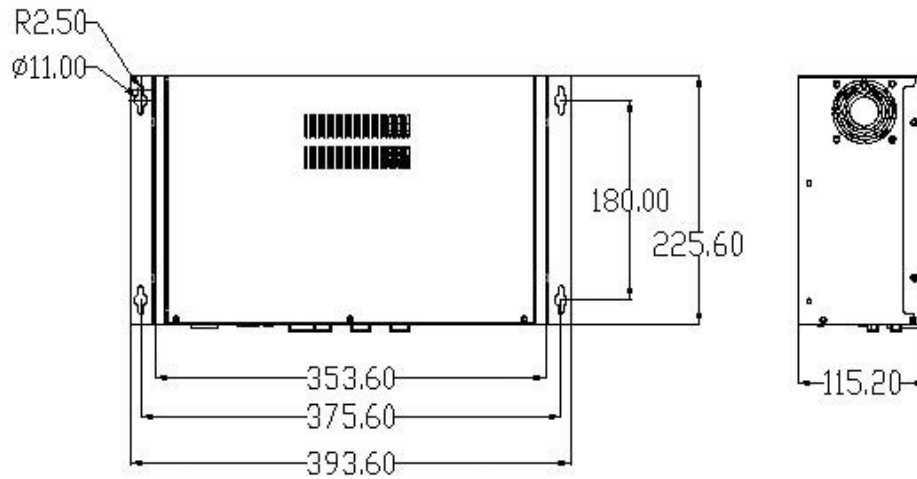
- **Operating Temperature** 0 ~ 45° C
- **Storage Temperature** -20 ~ 60° C
- **Humidity** 5 - 95% @ 40° C, non-condensing
- **Shock** 10 G peak acceleration (11 msec duration)
- **EMC Approved** CE FCC
- **Safety Approved** UL

I/O Layout



Dimensions

Unit: mm



Ordering Information

- **ES-200-80** Attachable 5.25" based SBC integrated system box for Socket 478 compatible Pentium 4 CPU