ES-200-80

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



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)

← FCC ④

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 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

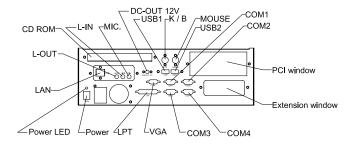
• Operating Temperature $0 \sim 45^{\circ}$ C

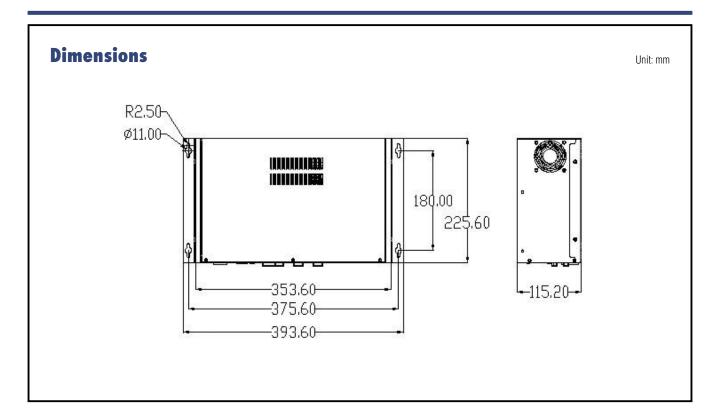
Storage Temperature -20 ~ 60° C

Humidity
 5 - 95% @ 40° C, non-condensing
 Shock
 10 G peak acceleration (11 msec duration)

EMC ApprovedSafety ApprovedUL

I/O Layout





Ordering Information

■ ES-200-80

Attachable 5.25" based SBC integrated system box for Socket 478 compatible Pentium 4 CPU