ES-200-77

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

CE FCC (UL)

Features

- Mates to Advantech SBC board-PCM-9577F
- Built-in 180 watt power supply
- One PC/104 card or one half-length PCI card extendible
- Two 3.5" HDDs 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-200-77 is a system box integrated with Advantech's 5.25, PCM-9577 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-200-77 series advanced networking capability, providing the best solution for multiple applications.

Extended Capability

ES-200-77 is designed with one expansion slot for PCI card, two USB ports, one PC/104 card, and two 3.5" HDDs. Various different display size monitors can be attached to create an open-frame PC. With such diverse expansion capabilities, the ES-200-77 not only functions as a system box, but establishes a computing center for solid application building.

Specifications

- **CPU** — Supports Socket 370 for Intel® Celeron®/Pentium® III CPU up to 1.26 GHz
- **Memory** — Supports 1 x SDRAM PC133 168-pin DIMM, maximum up to 512 MB
- **HDD** — 3.5" IDE HDD x 2 supported
- **CD-ROM Drive** — Slim type Compact 24X or above
- **Combo Drive** — Slim type Compact 24X/10X/24X and DVD 8X or above.
- **Graphic** — VIA® Twister chipset (VT8606) with integrated S3 Savage® 4 supports 2D/3D 4x AGP graphics
- **Expansion Interface** — One expansion slot for half-size PCI card and PC/104 slot for PC/104 card expansion
- **I/O Ports** —
  - 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 : Supports USB2.0
  - 2 x PS/2 ports : 1 x keyboard and 1 x mouse
  - 1 x RJ-45 port : Supports 10/100Base-T Ethernet
  - 4 x audio port : Supports 1 x line-in/1 x line-out/ 1 x mic-in/1 x speaker out
  - 1 x DC output: Supports 12 V = 10 A output
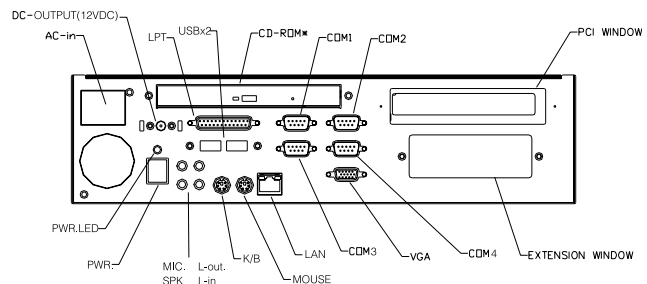- **Dimensions (W x H x D)** 353.6 x 225.6 x 100 mm
- **Weight** 3.4 kg

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-200-77 system box and related DC device)
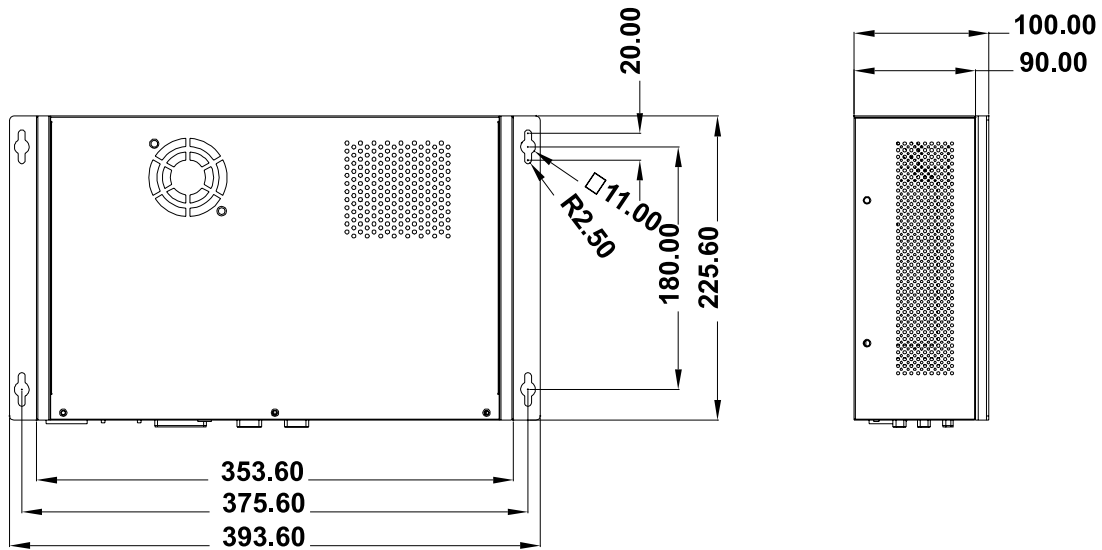
Environment

- **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

20.00

□11.00

R2.50

180.00

225.60

100.00

90.00

353.60

375.60

393.60

Ordering Information

- **ES-200-77-A2** Attachable 5.25" based SBC integrated system box for Socket 370 compatible Pentium III CPU