



### Main Features

- ◆ Intel® Atom™ N270 Single-Core Processor
- ◆ Intel® 945GSE Chipset
- ◆ 1 x DVI Port + 1 x VGA Port
- ◆ 1 x PCI + Mini-PCIe Extension Slot
- ◆ 1 x Gigabit Ethernet Support
- ◆ External 60W Power Adaptor

### Product Overview

The PBOX 100 features a compact industrial Computer chassis supporting Atom™ platform. When configured with Atom™, the PBOX system supports 1.6GHz processors. The PBOX 100 is also available to configure with one PCI card. With ATOM technology and PCI Express LAN, the PBOX 100 offers a great solution for advanced industrial applications that require superb display and processing performance with VGA and DVI.

### Specifications

#### Chipset + CPU

- ◆ Intel® Atom™ N270
- ◆ 1.6GHz Single Core with HT
- ◆ Intel® 945GSE by 533MHz system bus
- ◆ Intel® GMA 950 Graphic Engine

#### Main Memory

- ◆ 1 x DDR2 533 SO-DIMM Slot
- ◆ Support up to 2GB unbuffered RAM

#### Storage

- ◆ Support 1 x 2.5" HDD Drive Bay
- ◆ Support 1 x SATADOM up to 8GB
- ◆ Support 1 x IDE I/F, 2 x SATA I/F

#### Audio

- ◆ Realtek ALC888

#### I/O Interface-Front

- ◆ 1 x Power LED
- ◆ 1 x HDD LED

#### I/O Interface-Rear

- ◆ 1 x RS-232 DB9 Port
- ◆ 1 x DB15 VGA Port
- ◆ 1 x DVI Port
- ◆ 4 x USB 2.0 Ports
- ◆ 1 x GbE RJ45 Ports
- ◆ 2 x Audio Jacks
- ◆ 1 x ATX Toggle Switch
- ◆ 1 x +12V DC-in Jack

#### Cooling

- ◆ Optional 2 x 40mm Cooling Fans

#### Extension

- ◆ 1 x PCI Slot
- ◆ 1 x Mini-PCIe Slot

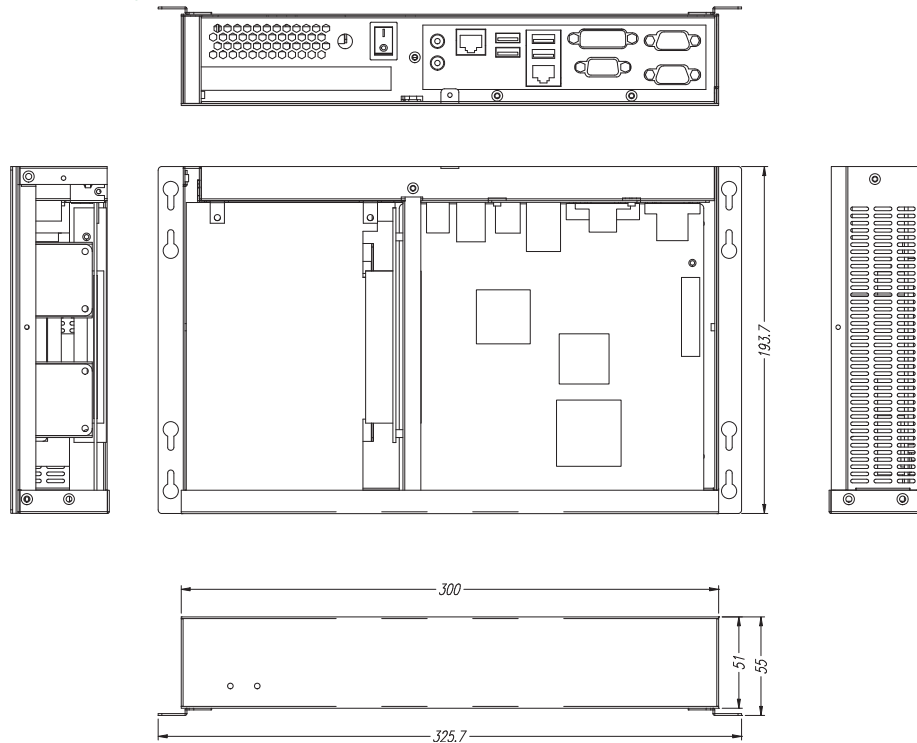
#### Dimension

- ◆ 300mm x 194mm x 51mm

#### Power

- ◆ External 60W Power Adaptor

## Dimension Drawing



### Environment

- Operating Temperature: 0°C to 40°C
- Storage Temperature: -20°C to 60°C
- Relative Humidity: 10% to 90% (non-condensing)
- RoHS Compliant

### Certificates

- CE approval
- FCC

## Ordering Information

- **PBOX 100 (P/N: 79R0010000X00)**  
Intel® Atom™ N270 Embedded Fan-less System with DVI/VGA Output