

# PBOX 100

Intel® Atom™ N270 Embedded Fanless System with DVI/VGA Output



## 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

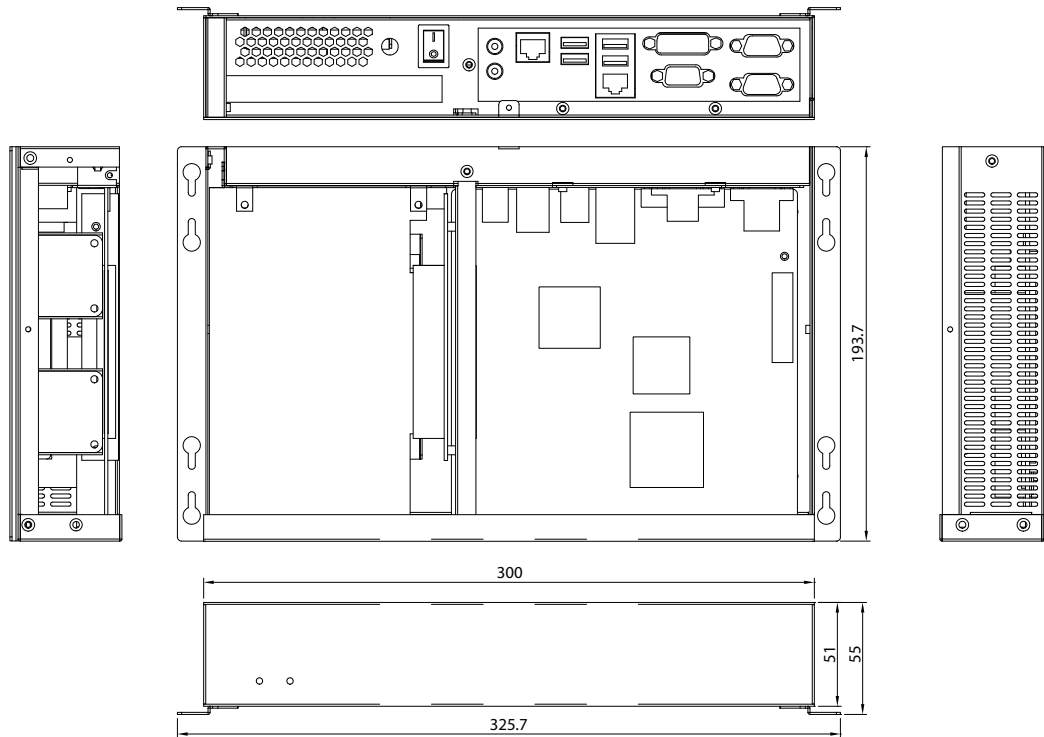
### Power

- ♦ External 60W Power Adaptor

### Environment

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

## Dimension Drawing



### Certificates

- CE approval
- FCC

## Ordering Information

- **PBOX 100 (P/N: 79R0010000X00)**

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