



**Industrial mini-ITX wallmount system build  
with Intel Atom N270 processor, Compact  
Flash, 6 COM ports and Dual LANs**



### Introduction

The **WMS-103S2** is an industrial-grade wallmount barebone system. The barebone system comes with onboard Intel® Atom Processor N270 533 MHz FSB and the Intel® 945GSE Gen 3.5 Express Chipset. This combination offers excellent computing capability at low power consumption. The integrated Intel® GMA 950 graphics chipset provides an excellent 3D Performance and a max. of Video memory up to 224MB.

**WMS-103S2** provides a complete sets of interfaces such as 8x USB, 6x COM, Dual Gigabit Ethernet and Digital I/O, therefore, it's very suitable for applications in Industrial Automation, Gaming Systems, POS and KIOSK systems.

### Features

- Compact wallmount chassis with heavy duty steel construction
- Low power consumption system.
- Chipset integrated 2D/3D graphics, built-in Audio and dual Gigabit LANs
- Low cost solution for an unlimited variety of applications to include Kiosk, POS and Car Park Management Systems.
- Six COM & eight USB ports support more peripherals





## Specifications

### System Board Processor

- Intel Atom N270 @ 1.6GHz

### Chipset

- Intel 945GSE+ICH7 chipset

### System Memory

- (1) 240-pin DDR2 533 DIMM up to 2GB

### Display

- Built-in GMA950 2D/3D graphics supports VGA & LVDS
- Up to 224MB frame buffer shard with system memory

### Ethernet

- Dual Gigabit LAN ports with Realtek RTL8111B Controllers

### Audio

- Realtek ALC203 with AC'97 Codec
- MIC-in, Line-out or Speaker out jacks on rear panel

### Expansion

- Supports (1) 32-bit 33 MHz PCI slot via riser card

### Rear I/O Ports

- (2) Audio Jacks - MIC-in, Line-out or Speaker out
- (4) USB ports and (4) ports via internal pin header
- (5) RS232 & (1) RS232/422/485 serial ports
- (2) Keyboard /Mouse Connectors
- (1) VGA port
- (2) RJ-45 LAN ports

### Chassis Construction

- Heavy-duty Steel

### Front Panel

- Power On/Off switch, Power & HDD LED Indicators

### Drive Bays

- (1) Slim DVD-ROM, (1) 3.5" HDD and (1) 2.5" HDD

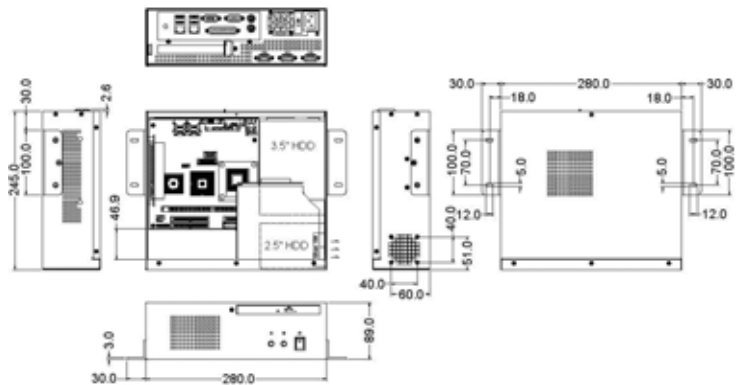
### Dimensions

- 280 (W) x 245 (D) x 89 (H) mm
- 11 (W) x 9.6 (D) x 3.5 (H) inches

### Operating Temperature

- 0~60 °C

### Mechanical Drawing



### Ordering Information

**WMS-103S2-200W** Mini-ITX System with Intel Atom MB, VGA, Dual Gigabit LANs, Audio & 200W PFC PSU

**WMS-103S2-300W** Mini-ITX System with Intel Atom MB, VGA, Dual Gigabit LANs, Audio & 300W PFC PSU