

## Features

- TI® AM3517 Sitara ARM Cortex-A8
- 7" WVGA Touch Screen Fanless Panel PC
- 512MB DDR2 onboard
- 512MB NAND Flash onboard
- 1 LAN, 2 USB, 2 COM, 1 SD/MMC, 12-bit GPIO



## System Specifications

### PROCESSOR SYSTEM

- TI® AM3517 Sitara ARM Cortex-A8

### MEMORY

- 512MB DDR2 onboard
- 4 DDR2 64Mx16 RAM

### LCD and TOUCH SCREEN

- 7" (800x480) WVGA TFT touch screen LCD
- Supports touch screen
- TI® TSC2004 touch screen controller
- 400 NITS
- 4-Wire Resistive type

### STORAGE

- 1 SD/MMC card socket
- 512MB NAND Flash
- Samsung K9F4G08U0D flash memory 512Mx 8bit (512MB)

### ETHERNET

- LAN8710 10/100Mbps LAN chip
- 1 LAN port
- Supports 10BASE-T and 100BASE-T

### AUDIO

- 1 Line-out

### COM

- 1 RS232/422/485 COM port
- 1 RS232 COM port

### USB

- 1 TUSB1210 USB transceiver
- 2 Type A USB 2.0/1.1 ports

### GPIO

- 12-bit GPIO connector

### POWER

- Power input voltage
- 14~30Vdc (+/-5%) input

### ENVIRONMENT

- Temperature
- Operating: -20°C ~ 65°C
- Storage: -30°C ~ 80°C
- Relative Humidity
- 95% RH at 65°C, 1 week
- Corrosion
- 4 periods of 7 days at 65°C with 90-95% relative humidity after 2 hours salt spray or waiver

### I/O PORTS

- Front
- 1 Power LED
- Top
- 1 SD/MMC card socket
- Bottom
- 12-bit GPIO (2 7-pole terminal blocks)
- 1 Line-out
- 1 DB-9 RS232 COM
- 1 RJ45 10/100Mbps LAN with LEDs
- 2 USB 2.0 (Type A)
- 1 DB-9 RS232/422/485 COM
- 1 DC-in (2-pole Phoenix terminal block)
- 1 power switch

### FRONT PANEL PROTECTION

- IP65 (Dust Tight; Water Proof protection)

### CONSTRUCTION

- Aluminum front bezel, Rugged metal housing

### MOUNTING

- Wall mount (VESA 75x75)
- Panel mount (Mounting clamp)

### DIMENSIONS

- 235mm x 150mm x 40.8mm (W x H x D)

### WEIGHT

- 2.10 kg

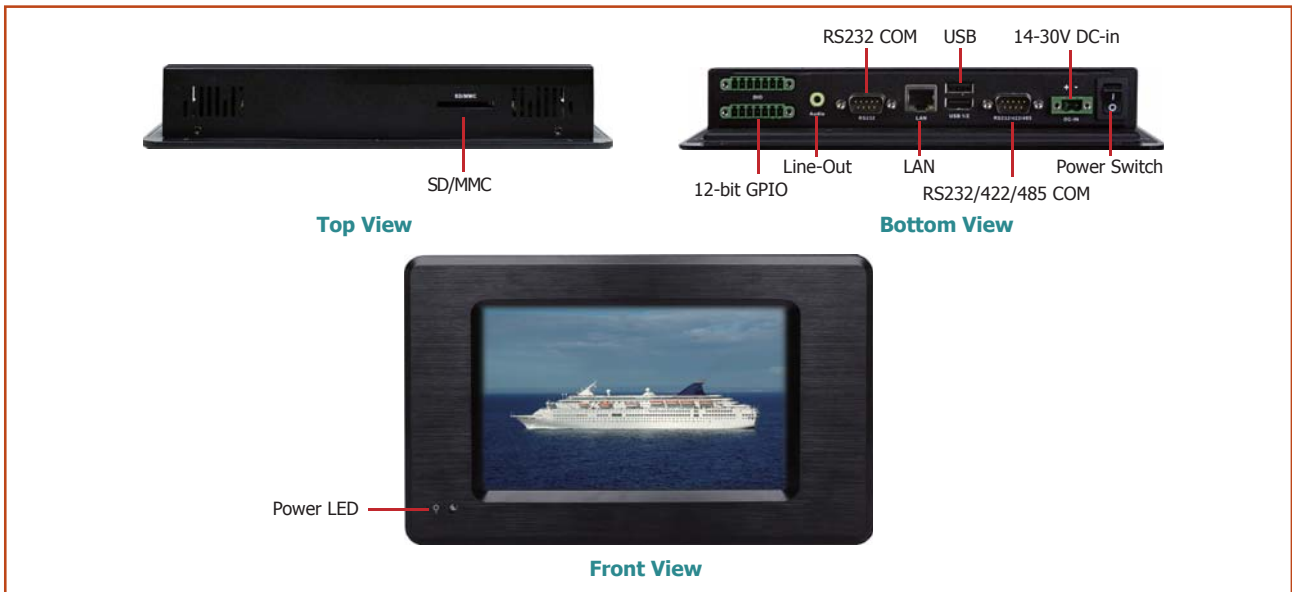
### OS SUPPORT

- Windows CE 6.0

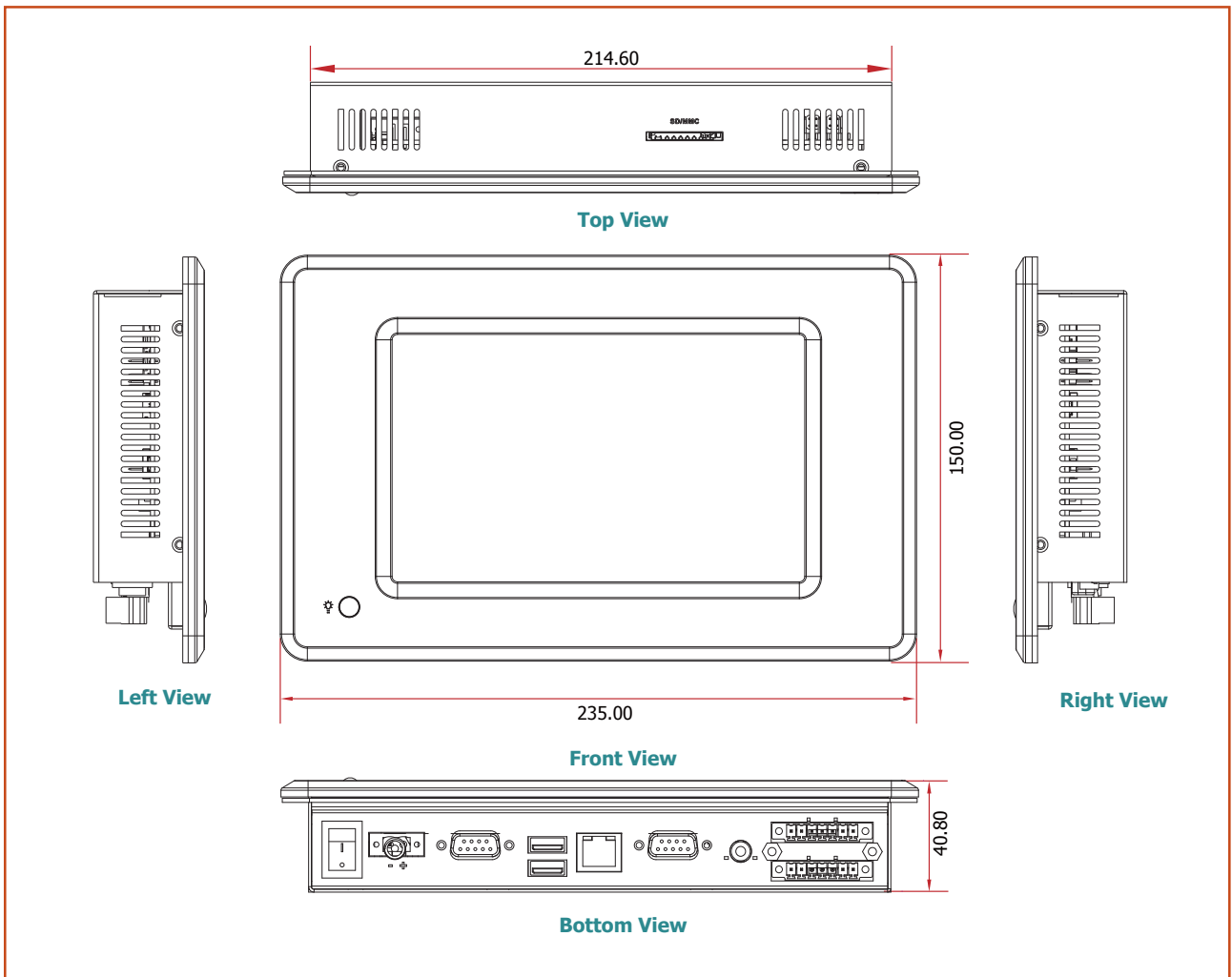
### CERTIFICATION

- CE
- FCC Class B
- RoHS
- UL
- Compliant with IEC 60945 (Protected B)

## Panel



## Dimensions



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