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

Panel

Top View — SD/MMC

Bottom View — RS232 COM, USB, 14-30V DC-in, 12-bit GPIO, Line-Out, LAN, RS232/422/485COM, Power Switch

Front View — Power LED

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)
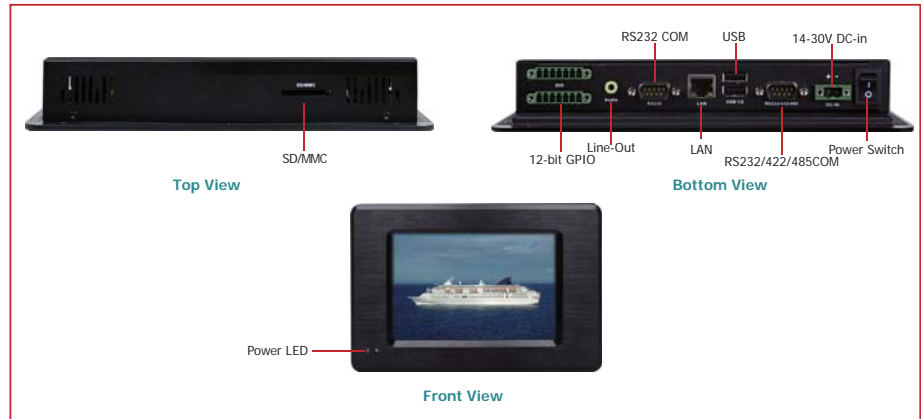
WEIGHT
- 2.10 kg
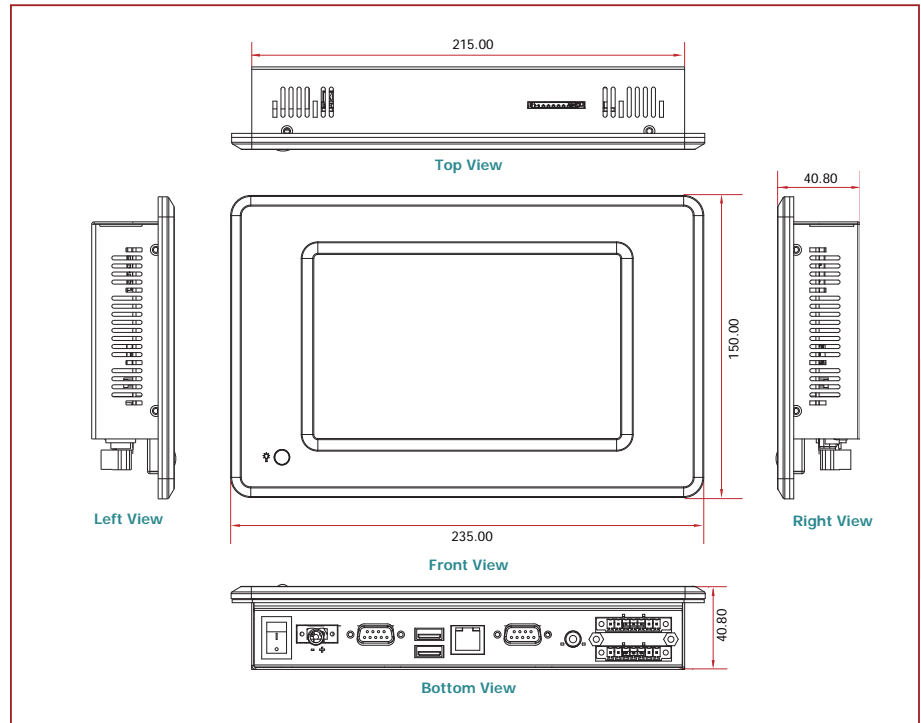
OS SUPPORT
- Windows CE 6.0
- Linux 2.6.x

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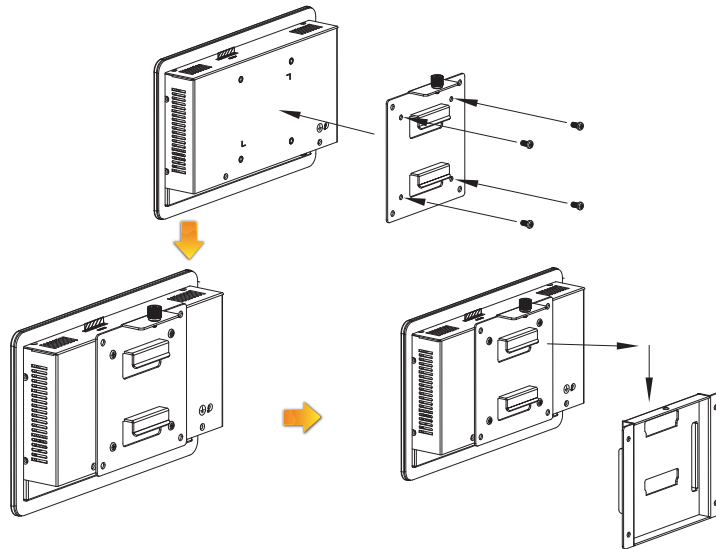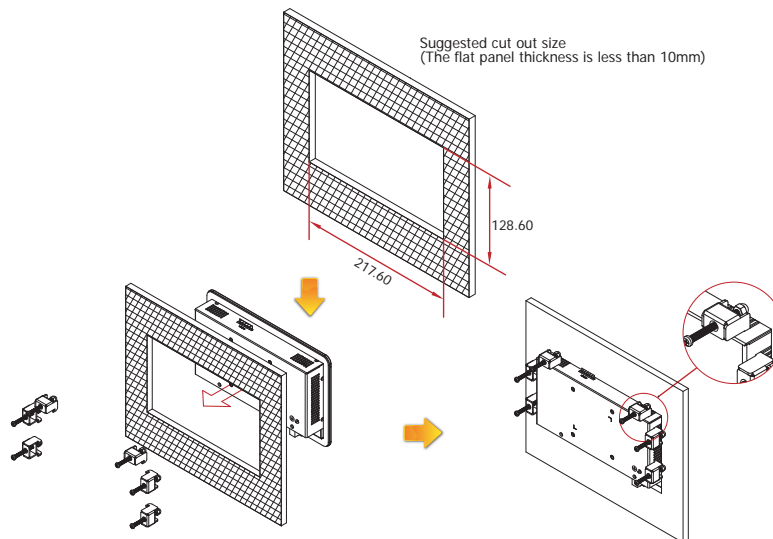- Compliant with IEC 60945 (Protected B)

Dimensions

Top View — 215.00

Front View — 235.00, 150.00

Left View

Right View — 40.80

Bottom View — 40.80

Specifications

Systems   Panel PC

Mounting

Wall Mounting

Panel Mounting

Suggested cut out size
(The flat panel thickness is less than 10mm)

128.60

217.60

Packing List

• 1 KS200 Panel PC
• 1 Poron foam
• 2 terminal blocks
• 1 power adapter
 - 19Vdc power adapter
 - Terminal block power cable
• 1 Quick Installation Guide
• 1 CD disk includes:
 - BSP / Manual

Ordering Information

Model Name	Part Number	Description
KS200	750-KS2000-000G	7" Panel PC, TI® AM3517 ARM, Aluminum Front Bezel, Resistive Touch, DC input, R10

Optional Items

Optional Items	Part Number	Description
Wall Mount	785-PPCWMK	Standard Panel PC Wall Mount kit
Panel Mount	761-028029-100G	7" Panel PC Panel Mount kit

Specifications

Systems

Panel PC