



# KS104-CD

Atom

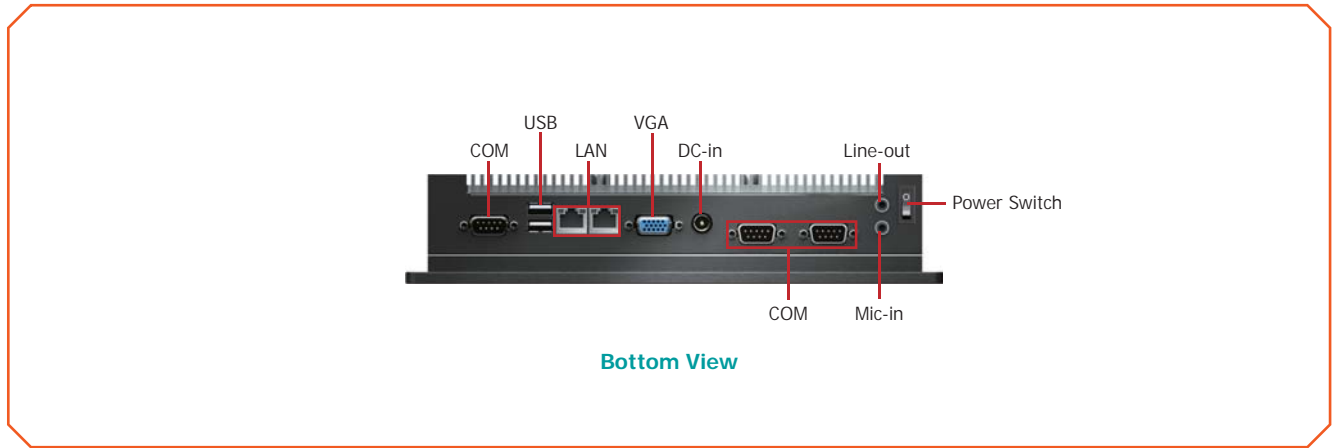


## Features

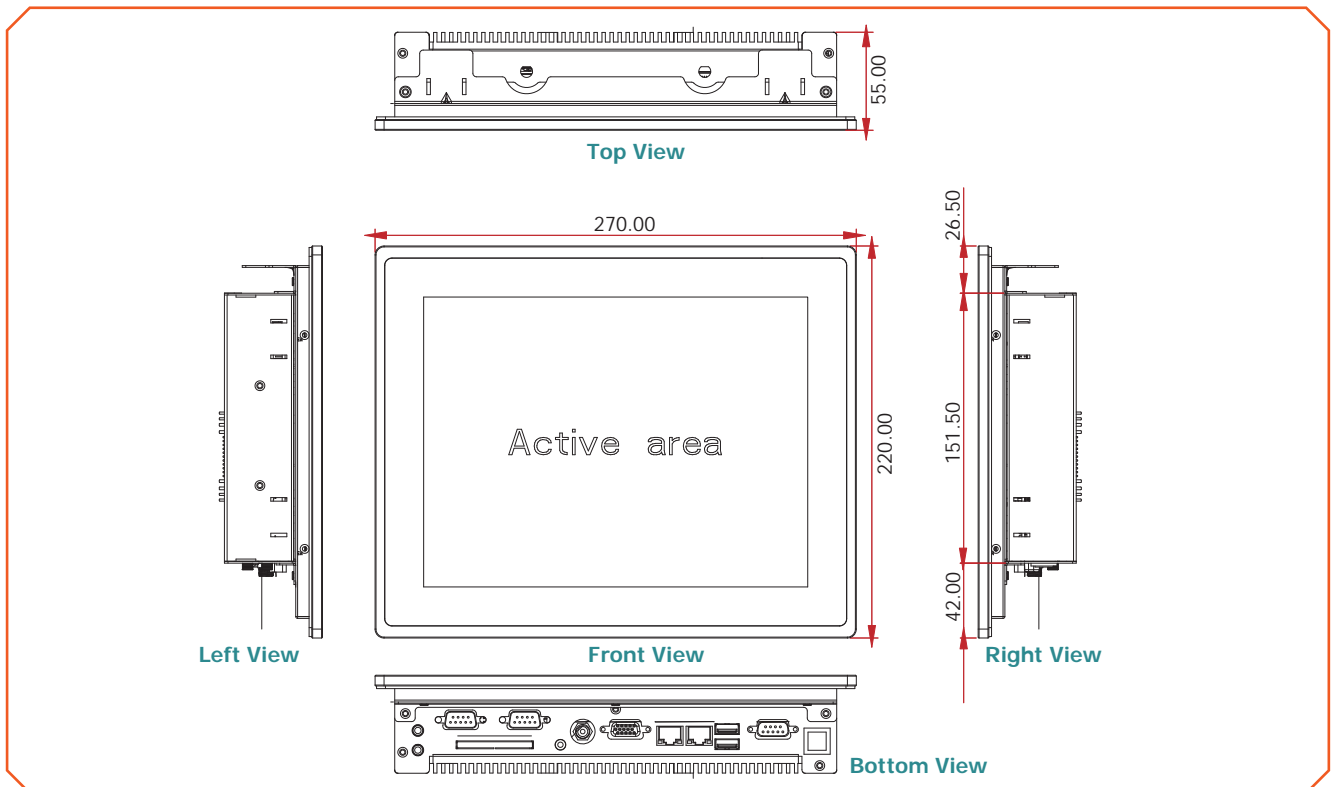
- 10.4" Touch Screen Fanless Panel PC
- Intel® NM10 Express chipset
- IP65 front panel protection
- 1 2.5" SATA drive bay
- VESA/Panel Mount



## Panel



## Dimensions



# KS104-CD

## ► Specifications

### PROCESSOR

- Intel® Atom™ N2800, 1.86GHz, 2x 512K L2, 6.5W TDP, dual-core

### CHIPSET

- Intel® NM10 Express chipset

### MEMORY

- One 204-pin DDR3 SODIMM socket
- Supports DDR3 1066MHz
- Supports single channel memory interface
- Supports up to 4GB system memory

### LCD and TOUCH SCREEN

- 10.4" (1024x768) TFT touch screen LCD
- Support projected capacitive touch screen
- 50,000 MTBF LED backlight
- 500 NITS

### STORAGE

- 1 2.5" SATA drive bay

### GRAPHICS

- Intel® GMA 3650
- Display port: VGA
- VGA: resolution up to 1920x1200 @ 60Hz

### ETHERNET

- 2 Intel® 82574 Gigabit Ethernet Controllers
- Integrated 10/100/1000 transceiver
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

### AUDIO

- Realtek ALC886 2-channel High Definition Audio

### I/O PORTS

- Bottom
  - 1 DB-9 RS232/422/485 serial port
  - 2 DB-9 RS232 serial ports
  - 2 Type A USB 2.0/1.1 ports
  - 1 DB-15 VGA port
  - 2 RJ45 LAN ports
  - 1 Line-out jack
  - 1 Mic-in jack
  - 1 12V DC-in jack
  - 1 power switch

### EXPANSION SLOTS

- 1 Mini PCIe slot
  - Supports PCIe (PCIe and USB signals) or mSATA module
  - Supports half size card

### ENVIRONMENT

- Temperature
  - Operating: -20°C ~ 55°C (with SSD)
  - Operating: -20°C ~ 50°C (with HDD)
  - Storage: -30°C ~ 80°C
- Relative Humidity
  - 85% RH at 50°C

### VIBRATION

- Sweep frequency: 10~500~10Hz
- Amplitude: 0.75mm
- IEC 68-2-64 compliant

### SHOCK

- Operating: 3G peak acceleration (11 msec. duration)
- Non-operating: 10G peak acceleration (11 msec. duration)
- IEC 68-2-27 compliant

### FRONT PANEL PROTECTION

- IP65 (Dust Tight; Water Proof protection)

### CONSTRUCTION

- Aluminum front bezel
- Rear panel: aluminum

### MOUNTING

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

### DIMENSIONS

- 270mm x 220mm x 55mm (W x H x D)

### WEIGHT

- TBD

### OS SUPPORT

- Windows XP Professional x86 & SP3 (32-bit)
- Windows 7 Ultimate x86 & SP1 (32-bit)



# KS104-CD

## ► Ordering Information

Model Name	Part Number	Description
KS104-CD2800P		10.4" Panel PC, Intel® Atom™ N2800, Capacitive Touch Screen

## ► Optional Items

Optional Items	Part Number	Description
<b>Memory</b>	785-RSOD34G	SODIMM, DDR3, 4GB, RoHS
	785-RSOD32G	SODIMM, DDR3, 2GB, RoHS
<b>HDD</b>	785-H25500G	2.5" SATA HDD, 500GB, RoHS
	785-H25320G	2.5" SATA HDD, 320GB, RoHS
	785-S25128G	2.5" SATA SSD, 128GB MLC, RoHS
	785-S25064G	2.5" SATA SSD, 64GB MLC, RoHS
	785-S25032G	2.5" SATA SSD, 32GB MLC, RoHS
<b>mSATA</b>	785-MS16GMH	mSATA Card, 16GB MLC, RoHS
	785-MS08GMH	mSATA Card, 8GB MLC, RoHS
	785-MS04GMH	mSATA Card, 4GB MLC, RoHS
<b>Wi-Fi</b>	761-110090-000G	Wi-Fi kit
<b>Power Cord</b>	785-PWRD	Power cord, Standards (USA/EUR/CH), 1.8m, RoHS
<b>Power Adapter</b>	671-106002-102G	60W, 12V/5A
<b>Panel Mount</b>	761-KS2020-000G	7" Panel PC Panel Mount Kit, RoHS
<b>Wall Mount</b>	785-PPCWMK	Standard Panel PC Wall Mount kit

## ► Packing List

• 1 KS104-CD Touch Panel PC
• 1 12V power adapter
• 1 Quick Installation Guide
• 1 CD disk includes:
- Manual