



## Features

- Low power consumption
- Intel® Core™ i7/i5/Celeron; Intel QM57 PCH
- Dual display outputs
- Supports DDR3 SODIMM; up to 8GB
- 1 2.5" SATA drive bay; 1 optical drive bay
- 1 VGA, 1 DVI-I, 2 LAN, 8 USB, 2 COM, HD Audio

## System Specifications

### Processor System

- rPGA 988A socket supports:
  - Intel® Core™ i7-620M (SV)
  - Intel® Core™ i5-520M (SV)
  - Intel® Celeron® P4500 (SV)
- Chipset
  - Intel® QM57 PCH

### Memory

- 2 DDR3 800/1066MHz SODIMM sockets
- Supports up to 8GB memory
- Supports dual channel memory interface

### Graphics

- Intel® HD Graphics
- VGA display resolution up to QXGA 2048x1536
- Display outputs: VGA and DVI-I (DVI-D signal only)

### Storage

- 1 2.5" SATA drive bay
- 1 optical drive bay

### Ethernet

- Intel 82577LM iAMT6.0 Gigabit Ethernet Phy
- Realtek RTL8111C PCI Express Gigabit Ethernet controller

### Audio

- Realtek ALC262 2-channel High Definition Audio

### COM

- 2 RS232 COM ports

### I/O Ports

- Front Panel
  - 2 USB
  - 1 optical drive bay
  - 1 HDD LED
  - 1 Power LED
  - 1 Power button
- Rear Panel
  - 1 PS/2 Mouse
  - 1 PS/2 Keyboard
  - 2 DB-9 COM
  - 1 DB-15 VGA
  - 1 DVI-I (DVI-D signal only)
  - 2 LAN
  - 6 USB
  - Mic-in, Line-in, Line-out
  - DC-in

### Cooling System

- 1 CPU fan
- 2 system fans

### Power Requirement

- Power type
  - Power adapter
    - : AC input: 100-240V, 2A, 50-60Hz
    - : DC output: 19V 6.32A (120W)
- Power input voltage
  - +19V DC

### Environment

- Temperature
  - Operating: 0°C ~ 45°C
  - Storage: -20°C ~ 70°C
- Humidity
  - Operating: 10% to 85% non-condensing
  - Storage: 10% to 95% non-condensing

### Construction

- Aluminum + SECC

### Mounting

- Wall mounting kit (brackets and screws) - optional

### Dimensions

- 219mm x 70.1mm x 223.3mm (W x H x D)

### Weight

- 1.8 kg

### OS Support

- Windows 7, Windows XP, Windows XP Embedded, Linux

### Other Features

- Watchdog Timer function
- iAMT6.0

### Certification

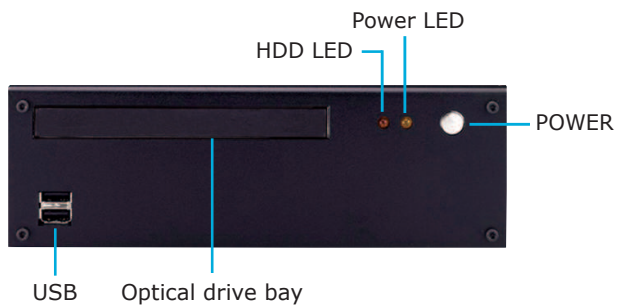
- CE
- FCC Class B

# ST101-CP

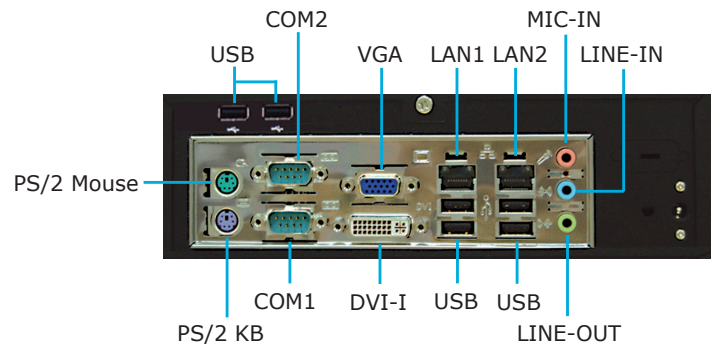
## Embedded System



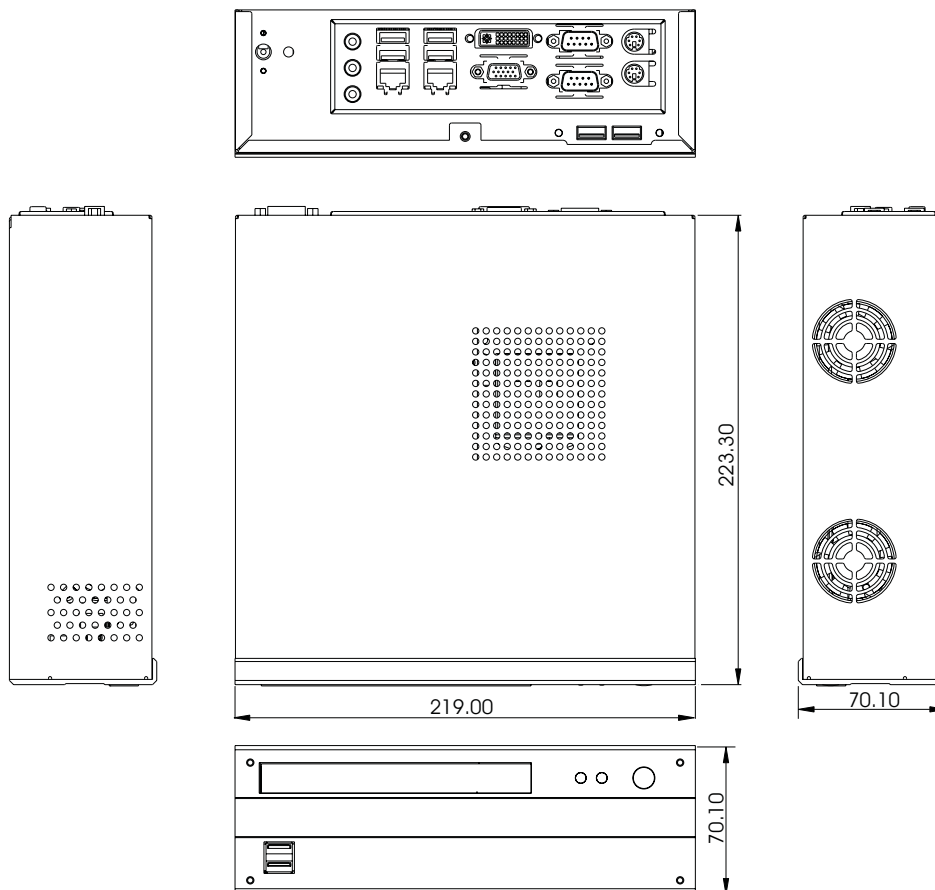
### Front Panel



### Rear Panel



### Dimensions



### Packing List

- 1 x ST101-CP system unit
- 1 x 40-pin IDE cable
- 1 x SATA cable
- 1 x SATA power cable
- 1 x ST101 chassis parts kit
- 1 x 120W power adapter
- 1 x Quick Installation Guide
- 1 x CD disk includes:
  - Drivers
  - Manual

### Optional Items

- 1 x Wallmount kit
  - 2 wallmount brackets
  - Bracket screws
- 1 x power cord