

ST100-G5C

Embedded System



Features

- Low power consumption
- Intel® Core™2 Duo / Celeron® M
- Intel 945GME and ICH7M
- Supports DDR2 SODIMM; up to 4GB
- 1 2.5" SATA drive bay; 1 optical drive bay
- 1 VGA, 2 LAN, 6 USB, 3 COM, 5.1-channel Audio

System Specifications

Processor System

- mPGA 478M socket supports:
 - Intel® Core™ Duo/Solo
 - Intel® Core™2 Duo 533/667MHz
 - Intel® Celeron® M 533MHz
- Chipset
 - Intel® 945GME Express chipset
 - Intel® ICH7M

Memory

- 2 DDR2 533/667MHz SODIMM sockets
- Supports up to 4GB memory
- Supports dual channel memory interface

Graphics

- Intel® GMA 950
- VGA display resolution up to QXGA 2048x1536
- Display output: VGA

Storage

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

Ethernet

- 2 Marvell 88E8053 PCI Express Gigabit Ethernet controllers

Audio

- Realtek ALC655 5.1-channel audio output

COM

- 3 COM ports
 - COM1/COM2 supports RS232
 - COM4 supports RS232/485

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
 - 3 DB-9 COM
 - 1 DB-15 VGA
 - 2 LAN
 - 4 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

Certification

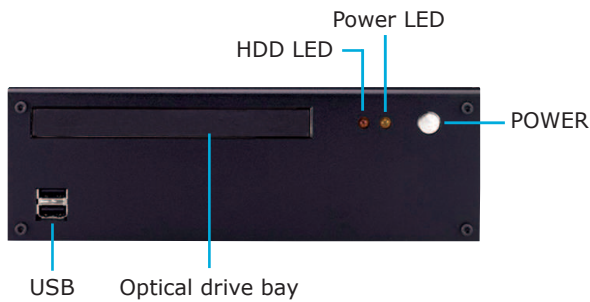
- CE
- FCC Class B

ST100-G5C

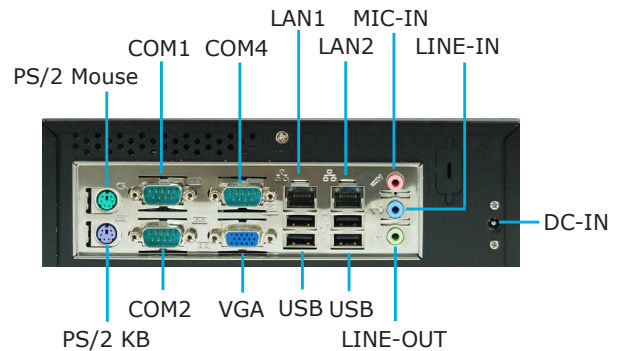
Embedded System



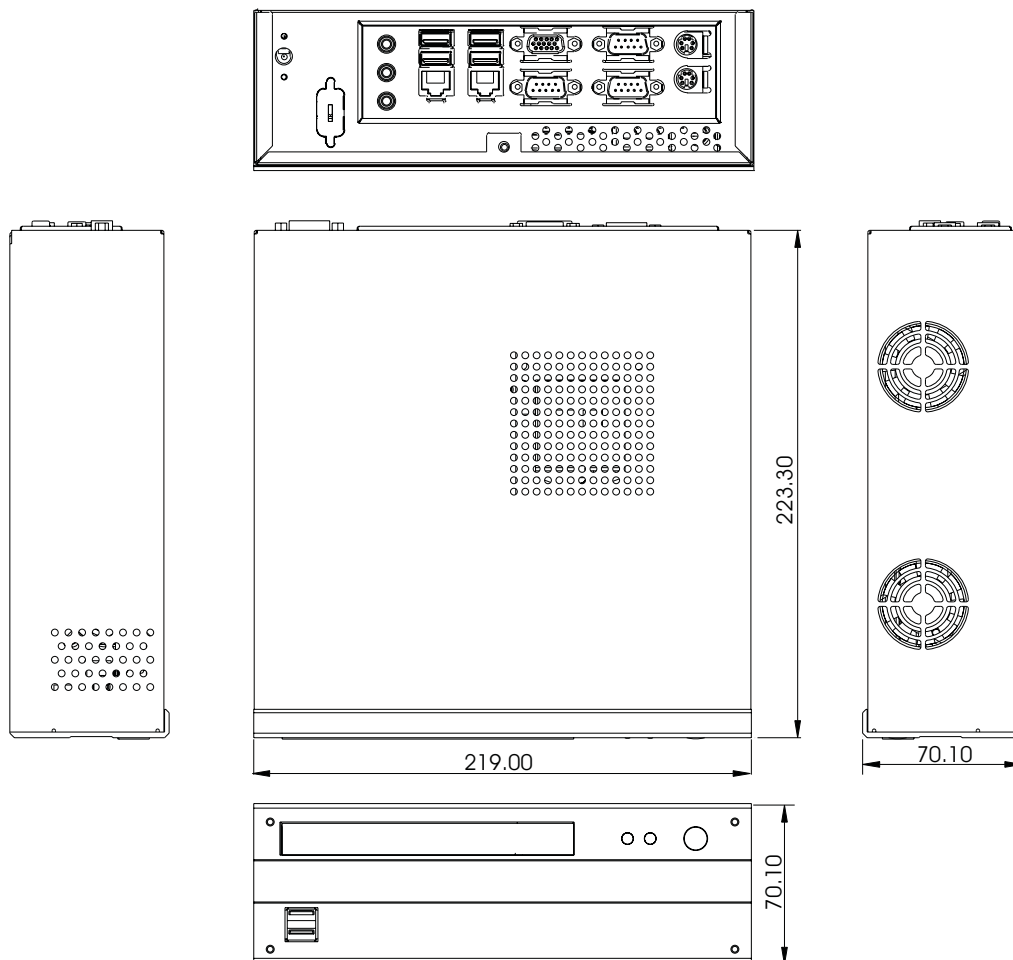
Front Panel



Rear Panel



Dimensions



Packing List

- 1 x ST100-G5C system unit
- 1 x 40-pin IDE cable
- 1 x SATA cable
- 1 x SATA power cable
- 1 x ST100 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