PROTECH SYSTEMS
It's the right choice

SA-5872

Quick Reference Guide
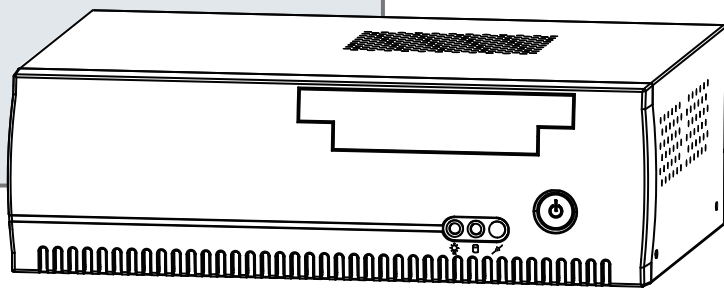
Ver. Q1

Packing Checklist

If you discover any item below damaged or lost, please contact your vendor.

☑ SA-5872	x1
☑ This Quick Reference Guide	x1
☑ Driver/Manual CD	x1
☑ Mini-Jumper (2.0mm)	x6
☑ Hex Washer Head Screw	x2

Specifications

System

CPU Support	Intel® 2nd Gen. Core™ i7/i5/i3, Pentium, Celeron®
Chipset	Intel® PCH H61
Memory Support	2 x DDR3 1333/1066 MHz DIMM socket (up to 16GB)
Power Supply	ATX 220W
Operating System	Microsoft Windows 7/XP
Drive Bay	2 x 2.5" SATA HDD
	1 x Slim DVD-ROM
BIOS	AMI BIOS
System Weight	5 kg (11 lb)
Dimension (WxHxD)	300 x 94 x 270 mm (11.8" x 3.7" x 10.6")
Certificate	FCC/CE

I/O Ports

|	
USB	4 x USB 2.0
Serial Port	3 x COM port
	(COM1/3 for RS-232 only, COM2 for RS-232/422/485)
Parallel Port	1 x Bi-direction, SPP/EPP/ECP
Keyboard/ Mouse	2 x PS/2
LAN	2 x RJ45, 10/100/1000Mbps, Wake-on-LAN
	(Intel® 82579V & 82583V)
VGA	1 x VGA
Audio	Line-in/Line-out/Mic, Realtek ALC888S High Definition
Expansion Slot	1 x Mini-PCIe
	1 x PCIe 16x

Environment

Operating Temp.	0 ~ 40°C (32 ~ 104°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Humidity	20 ~ 90%

System View

Front View

94.5

304.2
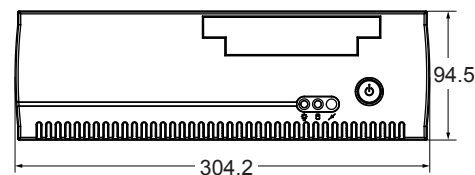
Rear View
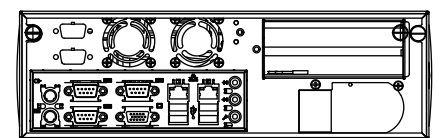
Top View
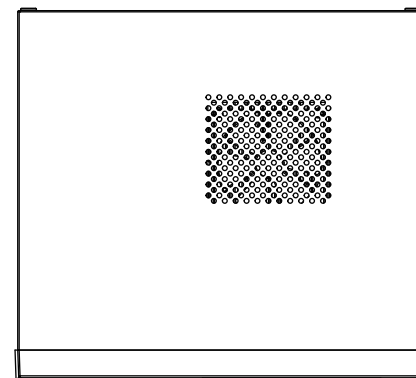
Bottom View

Side View

272.78
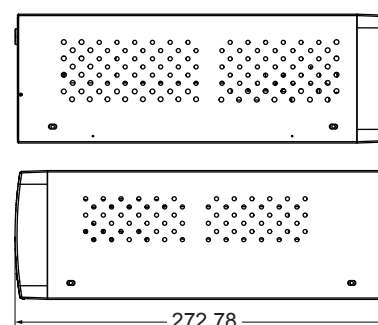
Quarter View
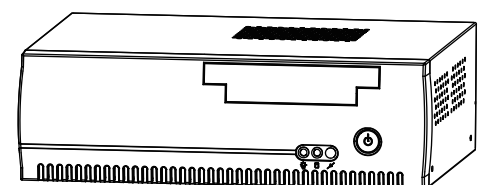
Unit: mm

SA-5872
Intel® i7/i5/i3 (LGA1155) Book-sized PC

Jumper Setting

Front Panel Selection

HDD LED

Speaker

Reset

Power LED

Power Button

J1

JD09M1

KB_MS1

AUDIO1

LAN2_USB1

LAN1_USB1

USB45

USB89

ATX_PWR2

JP9

PCI-E1

SP1

FP1

JP10

CPU_FAN1

Intel LGA1155

JP7

JP8

COM2

LPT1

Battery

JP4

SATA1

SATA2

SATA4

DIO1

SYS_FAN1

JDP1

Intel PCH H61

JP1 JP2

ATX_PWR1

M_PCIE1

DIMM1

DIMM2
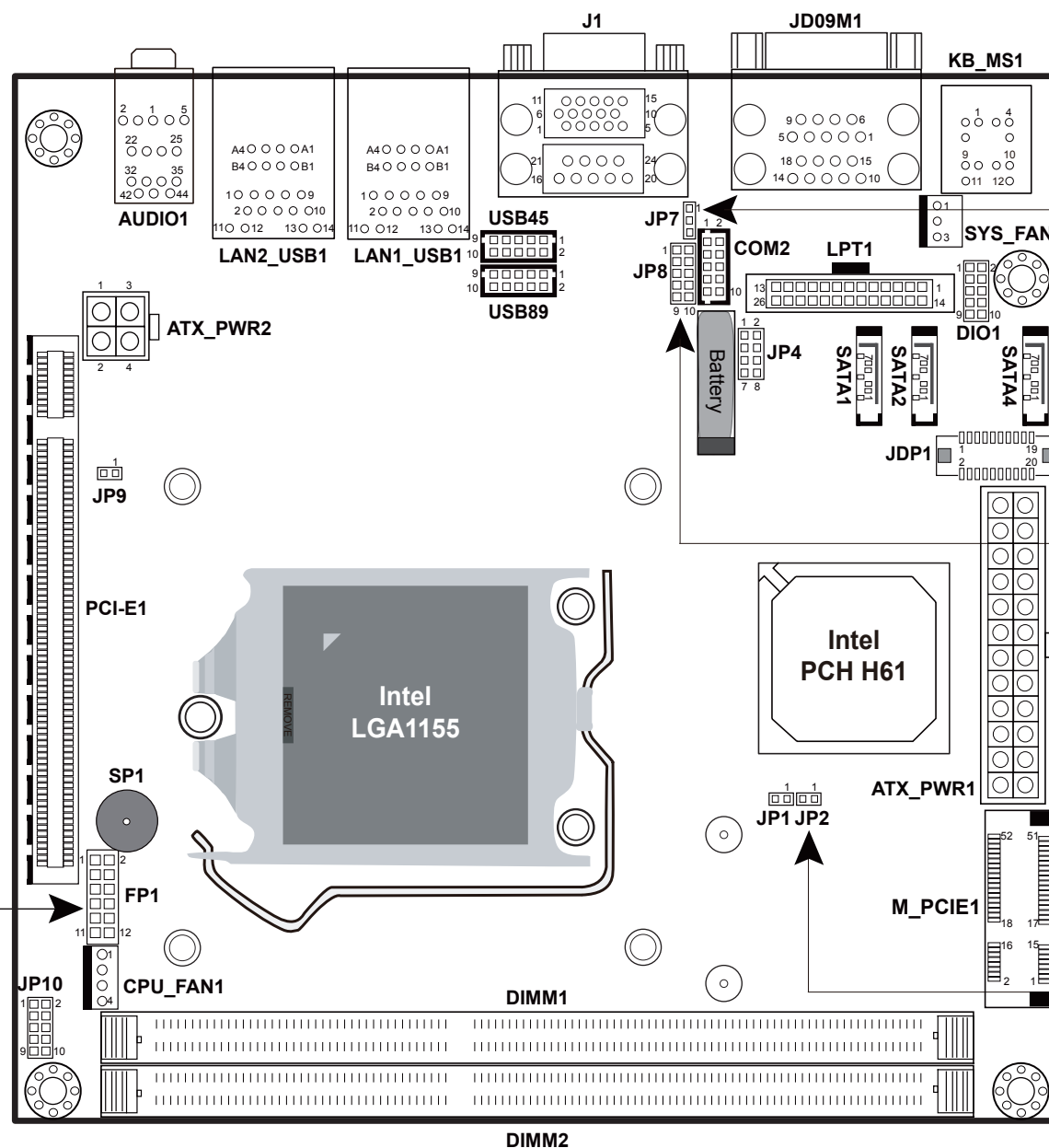
COM2 Auto Detect Selection

Normal (default)

Auto Gating

RS232/422/485 (COM2) Selection

RS232 (default)

RS422

RS485

Clear CMOS Data Selection

Normal (default)

Clear CMOS

Safety Precaution

Following messages are safety reminders on how to protect your system from damages, and thus help you lengthen the life cycle of the system.

1. Check the Line Voltage
   - The operating voltage for the power supply should cover the range of AC 100V~240V, otherwise the system may be damaged.

2. Environmental Conditions
   - Place your SA-5872 on a sturdy, level surface. Be sure to allow enough room on each side to have easy access.
   - Avoid moving the system rapidly from a hot place to a cold place or vice versa because condensation may come from inside of the system.
   - Place SA-5872 against strong vibrations, which may cause hard disk failure.

3. Handling
   - Do not turn the system upside down. This may cause the floppy drive and hard drive to mal-function.

- Do not allow foreign objects to fall into this product.
- If water or other liquid spills into this product, unplug the power cord immediately.

4. Good Care
   - When the outside of the case is stained, remove the stain with neutral washing agent with a dry cloth.
   - If dust has been accumulated on the outside, remove it by using a special made vacuum cleaner for computer.

CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

WARNING! Some internal parts of the system may have high electrical voltage. Therefore we strongly recommend qualified engineers open and disassemble the system.