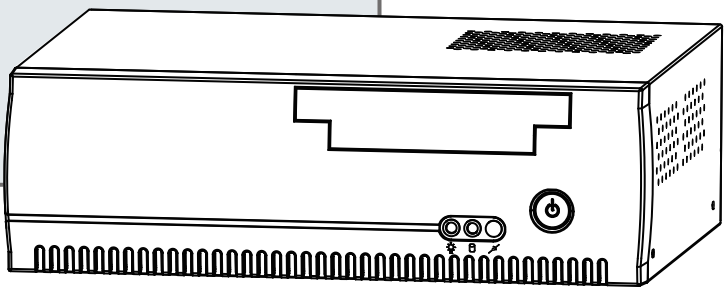


SA-5852

Quick Reference Guide



Ver. Q2

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Packing Checklist

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

- SA-5852 x1
- This Quick Reference Guide x1
- Driver/Manual CD x1
- Mini-Jumper (2.0mm) x6
- AC Power Cord x1

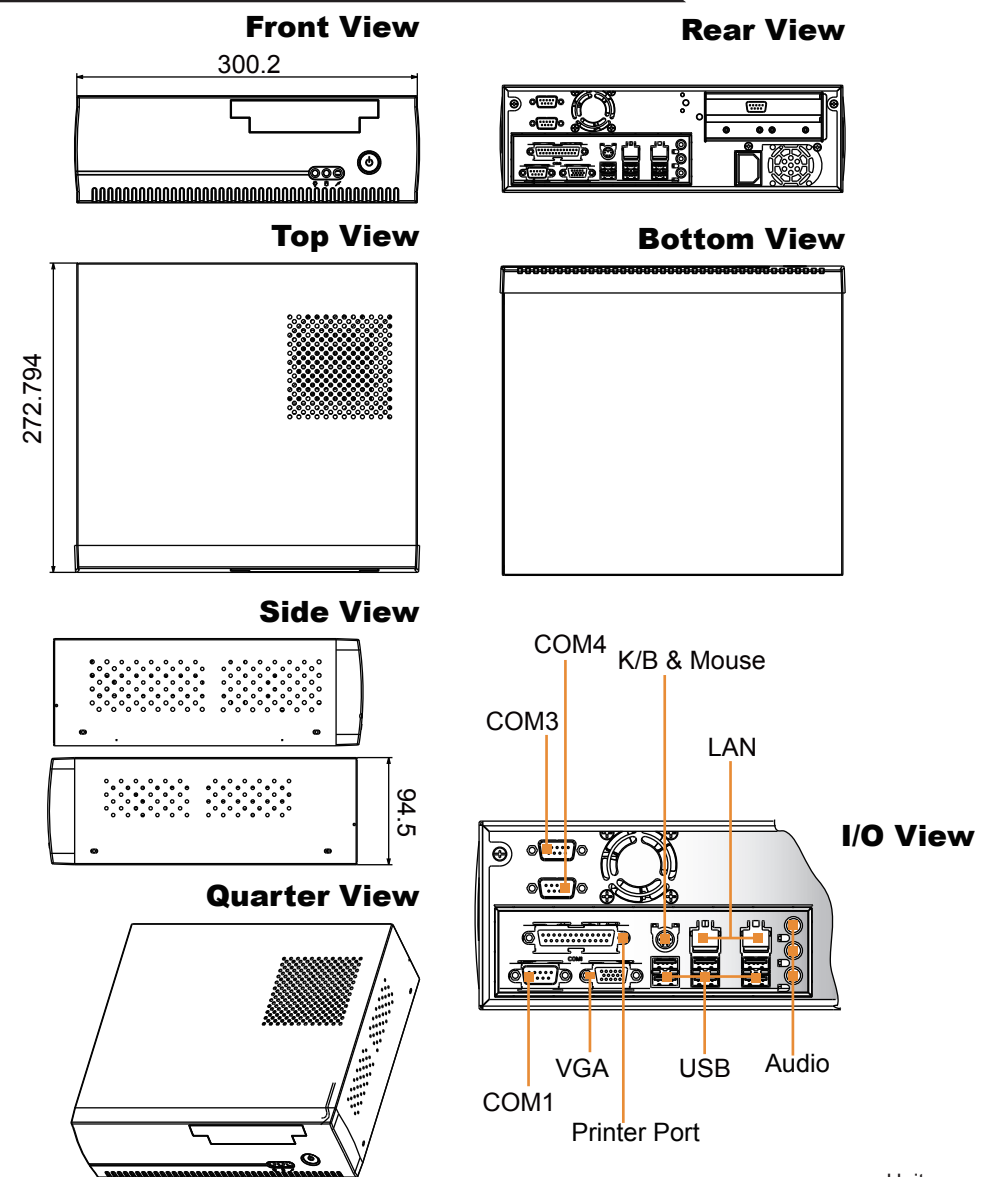
SA-5852

Specifications

| System | |
|-------------------|---|
| CPU Support | Intel® Atom™ D2550 (1.86 GHz) |
| Chipset | Intel® NM10 |
| Memory Support | 1 x 204-pin SO-DIMM (up to 4GB) |
| Power Supply | Flex ATX 220W |
| Operating System | Microsoft Windows 7 (32 bit) & WS7E |
| Drive Bay | 1 x 3.5" SATA HDD & 1 x Slim DVD-ROM (Optional: 2 x 2.5" SATA HDD & 1 x DVD-ROM) |
| BIOS | AMI BIOS |
| System Weight | 4.5 kg |
| Dimension (WxHxD) | 300 x 94 x 270 mm (11.8" x 3.7" x 10.6") |
| Certificate | FCC/CE |
| I/O Ports | |
| USB | 6 x USB 2.0 (Optional: Additional 2 x USB2.0) |
| Serial Port | 3 x COM port, all are 5V/12V/RI selectable. (COM2 for RS-232/422/485; COM4 is optional.) |
| Parallel Port | 1 x Parallel Port |
| Keyboard/ Mouse | 1 x PS/2 |
| LAN | 2 x Intel® 82583V 10/100/1000Mbps |
| VGA | 1 x D-SUB, support CRT |
| Audio | Line-in/Line-out/Mic, Realtek ALC888S High Definition |
| Expansion Slot | 1 x PCIe |
| Environment | |
| Operating Temp. | 0 ~ 40°C (32 ~ 104°F) |
| Storage Temp. | -20 ~ 60°C (-4 ~ 140°F) |
| Humidity | 20 ~ 90% |

SA-5852

System View

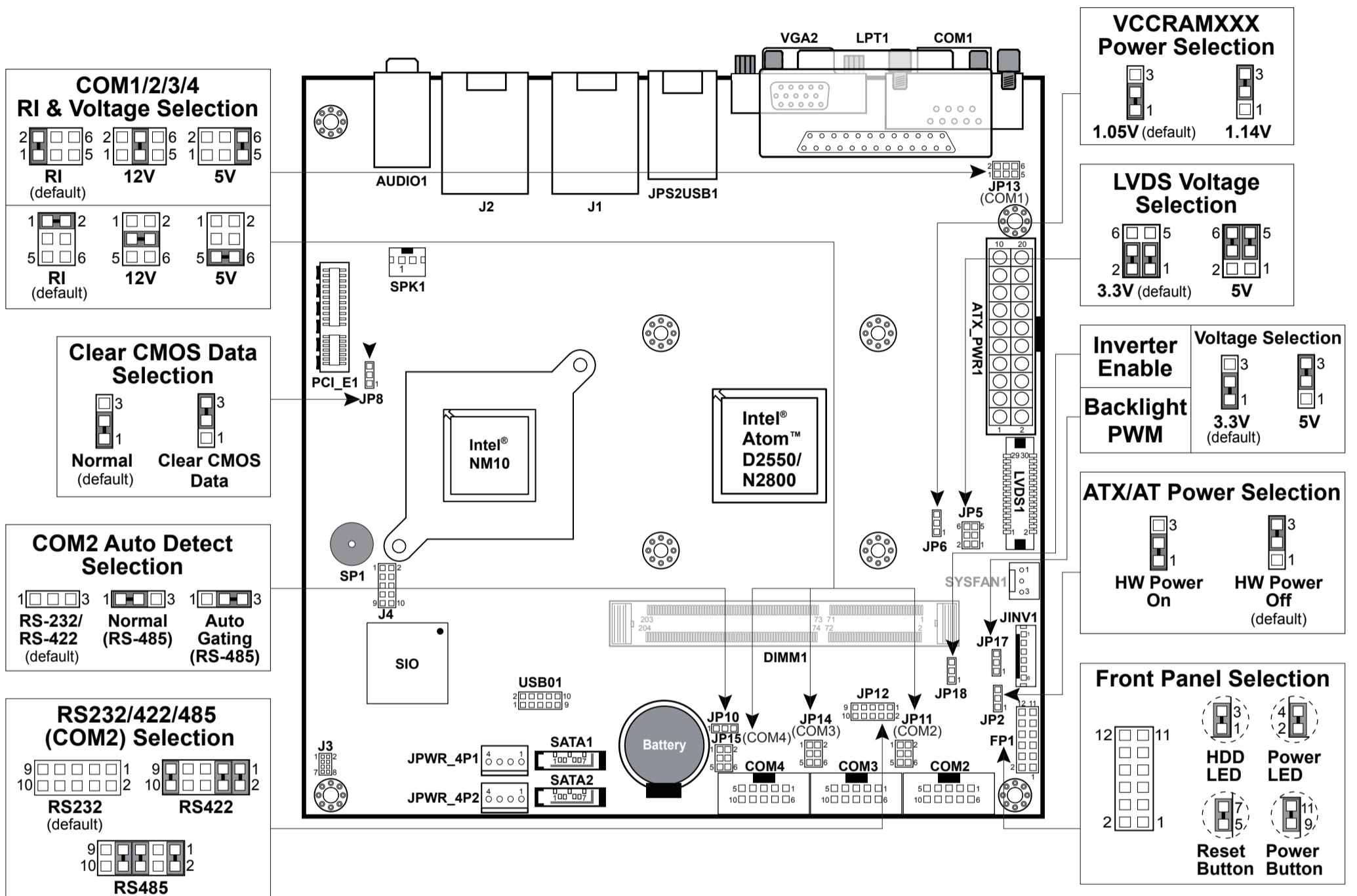


Unit: mm

SA-5852

Intel® Atom™ D2550 Book-sized PC

Jumper Setting



COM1/2/3/4 RI & Voltage Selection

| | | |
|---------------------|---------|--------|
| RI (default) | 12V | 5V |
| RI (default) | 12V | 5V |

VCCRAMXXX Power Selection

| | |
|---------------------|-----------|
| 1.05V (default) | 1.14V |
|---------------------|-----------|

LVDS Voltage Selection

| | |
|--------------------|--------|
| 3.3V (default) | 5V |
|--------------------|--------|

| | |
|----------------------------|------------------------------|
| Inverter Enable | Voltage Selection |
| Backlight PWM | 3.3V (default) 5V |

ATX/AT Power Selection

| | |
|-----------------|----------------------------|
| HW Power On | HW Power Off (default) |
|-----------------|----------------------------|

Front Panel Selection

| | |
|------------------|------------------|
| HDD LED | Power LED |
| Reset Button | Power Button |

Clear CMOS Data Selection

| | |
|----------------------|---------------------|
| Normal (default) | Clear CMOS Data |
|----------------------|---------------------|

COM2 Auto Detect Selection

| | | |
|-----------------------------|---------------------|--------------------------|
| RS-232/RS-422 (default) | Normal (RS-485) | Auto Gating (RS-485) |
|-----------------------------|---------------------|--------------------------|

RS232/422/485 (COM2) Selection

| | | |
|---------------------|-----------|-----------|
| RS232 (default) | RS422 | RS485 |
|---------------------|-----------|-----------|

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 100V~240V; otherwise the system may be damaged.
2. Environmental Conditions
 - Place your SA-5852 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-5852 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.

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