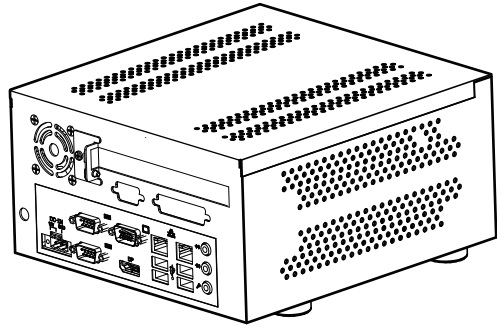


SA-5800

Quick Reference Guide



Ver. Q1

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Packing Checklist

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

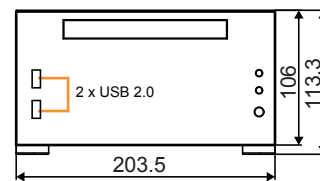
- SA-5800 x 1
- Driver/Manual DVD x 1
- This Quick Reference Guide x 1

Specifications

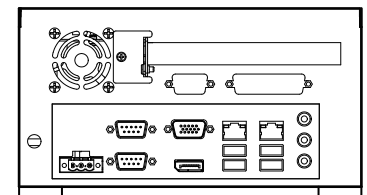
System	
CPU Support	Intel® 6 th / 7 th Gen. Core™ i7/i5/i3/ Pentium®/ Celeron® processor (up to 35W) (LGA1151)
Chipset	Intel® H110/Q170
Memory Support	2 x DDR4 SO-DIMM sockets (up to 32GB)
Expansion Slots	1 x PCIe (x16) slot 1 x M.2 (2242-D2-M)
Drive Bay	1 x 2.5" HDD / SSD (SATA 3.0)
TPM	1 x TPM 2.0 module (on board for Q170 SKU)
Operating System	Win 10 IoT LTSC 2016 / Win 8.1 / Win 7
Power Supply	3 pins terminal block DC In 12V
System Weight	4.2 kg
Dimensions (WxHxD)	203 x 106 x 215 mm
Certificate	FCC / CE
I/O Ports	
Display	1 x VGA and 1 x DP
USB	4 x USB 3.0 and 2 x USB 2.0
Audio	Line In, Line Out, Mic In
LAN	2 x GbE LANs support Wake-on-LAN, PXE LAN1: Intel® I219 LM LAN2: Intel® I211 AT
Serial Ports	COM1 for RS-232/422/485 selectable by jumper COM2 for RS-232 COM1/COM2 support +5V / +12V / RI selectable
DIO Port	1 x DIO (8 in / 8 out) (optional)
Environment	
Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ 80°C (-4°F ~ 176°F)
Humidity	5% ~ 90%
Note: Intel® 7 th generation CPU is NOT compatible with Win 7 / Win 8.1.	

System View

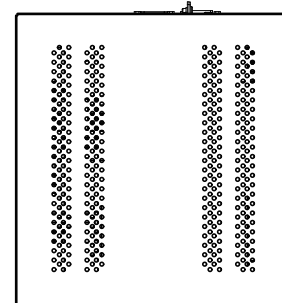
Front View



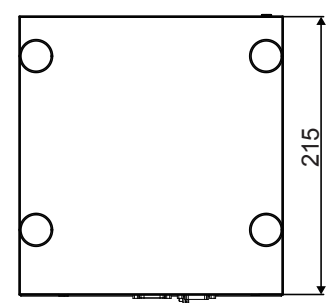
Rear View



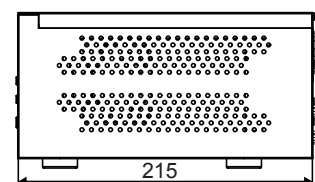
Top View



Bottom View

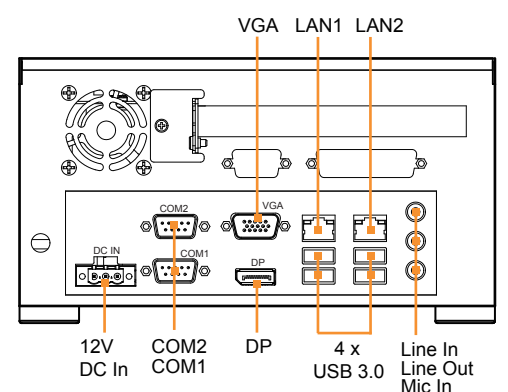
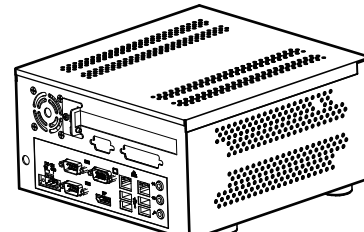


Side View



I/O View

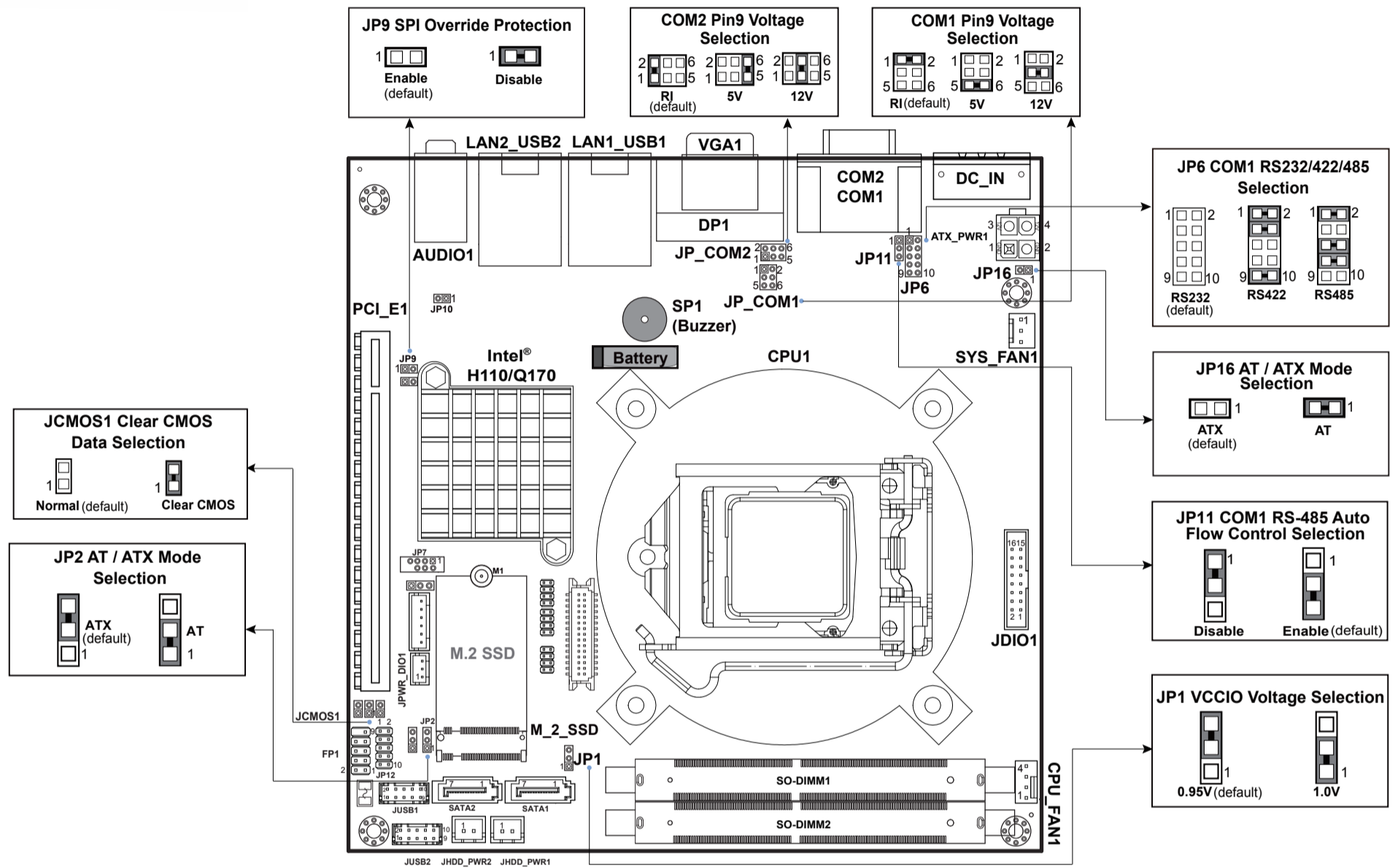
Quarter View



SA-5800

High Performance Intel® 6th / 7th Gen. Book-Sized PC

Jumper Setting



Safety Precaution

The following messages are safety reminders on protecting your system from damages; hence, extending the life of the system.

1. Check the Cable Voltage

- The operating voltage for power input should be 12V DC; otherwise, the system may be damaged.

2. Environmental Conditions

- Place your SA-5800 on a sturdy & level surface. Be sure to allow enough space to have easy access around the system.
- Avoid moving the system rapidly from a hot place to a cold one and vice versa because condensation may come from inside of the system.
- Place SA-5800 in strong vibrations may cause hard disk failure.

3. Handling

- Avoid putting heavy objects on top of the system.
- Do not turn the system upside down. This may cause the hard drive to malfunction.
- 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, clean the system with a special vacuum cleaner made specially for computers.

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 per 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. Access can only be gained by SERVICE PERSONS or by USERS who have been instructed about the reasons for the restrictions applied to the location and about any precautions that shall be taken.