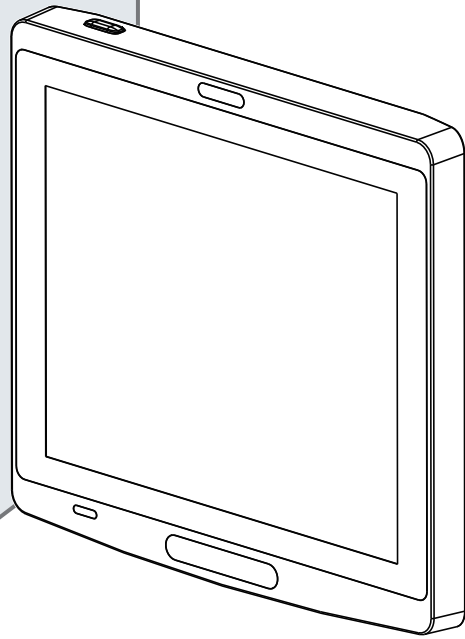


SP-7117

Quick Reference Guide



Ver. Q1

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Packing Checklist

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

- | | |
|--|-----|
| <input checked="" type="checkbox"/> SP-7117 | x 1 |
| <input checked="" type="checkbox"/> Driver/Manual CD | x 1 |
| <input checked="" type="checkbox"/> This Quick Reference Guide | x 1 |
| <input checked="" type="checkbox"/> Mini Jumper (2 mm) | x 8 |

SP-7117

Specifications

System

CPU Support	Intel® D2550 (1.86 GHz, 1M cache)
Chipset	Intel® NM10
OS support	Windows 7
Memory Support	1 x DDR3 SO-DIMM Socket (up to 4GB, 1067 MHz)
Drive Bay	1 x 2.5" SATA HDD
Power Requirement	DC-in 9~36V
Mounting Type	VESA 75/100
IP65	For front panel only
System Weight	5.95 kg
Dimension (WxHxD)	410.7 x 374.6 x 62 mm (16.16" x 14.75" x 2.44")
Certificate	CE/FCC

I/O Ports

Serial Port	3 ports, RI/5V/12V selectable. (COM1: RS-232 only; COM2/3: RS-232/422/485)
USB	4 x USB 2.0
LAN	2 x LAN (RJ-45 10/100/1000 Mbps)
DVI	1 x DVI-I
Audio	1 x Line-out; 1 x MIC
Expansion Slot	1 x CFast slot, 1 x Mini-PCIe slot

Display

LCD	17" TFT LCD (LED)
Resolution	1280 x 1024
Touchscreen	5-wire bezel-free resistive or projected-capacitive

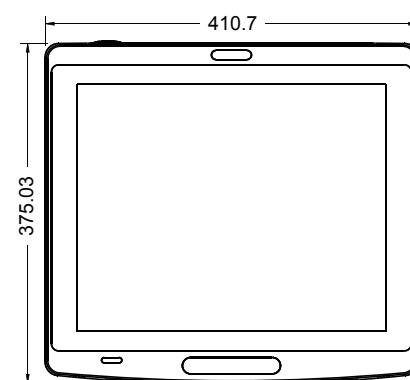
Environment

Operating Temp.	HDD: 0 ~ 45°C (32 ~ 113°F) CFast card: 0 ~ 55°C (32 ~ 131°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Humidity	Operating: 20 ~ 90% ; Stoorage: 20~95%

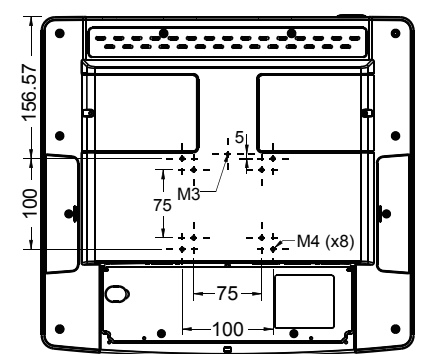
SP-7117

System View

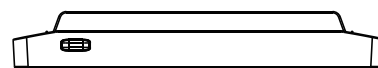
Front View



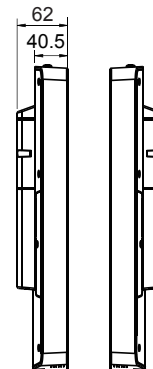
Rear View



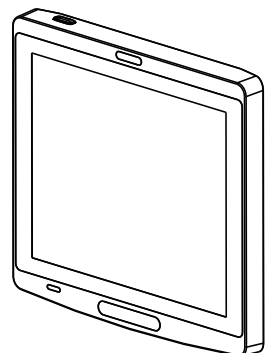
Top View



Side View



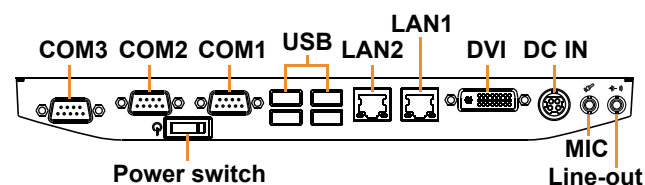
Quarter View



Rear View



I/O View

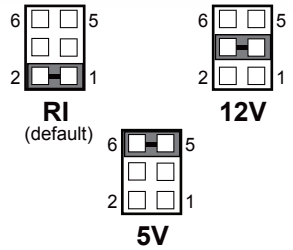


SP-7117

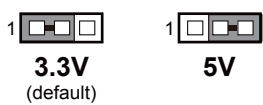
Fanless & Low Power 17" Intel® D2550 Panel PC

Jumper Setting

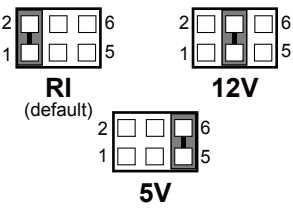
COM2 RI & Voltage Connector



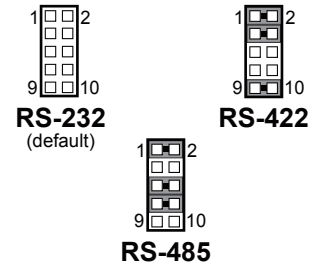
CFAST Voltage Selection



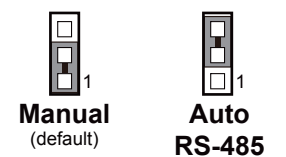
COM3 RI & Voltage Selection



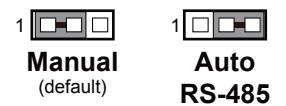
COM3 RS-232/422/485 Selection



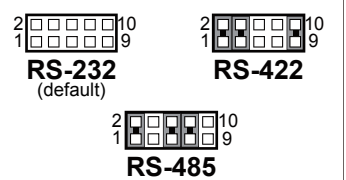
COM3 RS-485 DIR Control Selection



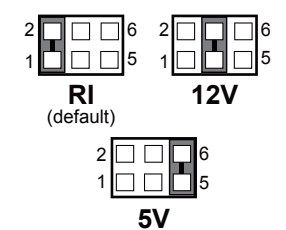
COM2 RS-485 DIR Control Selection



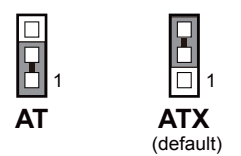
COM2 RS-232/422/485 Selection



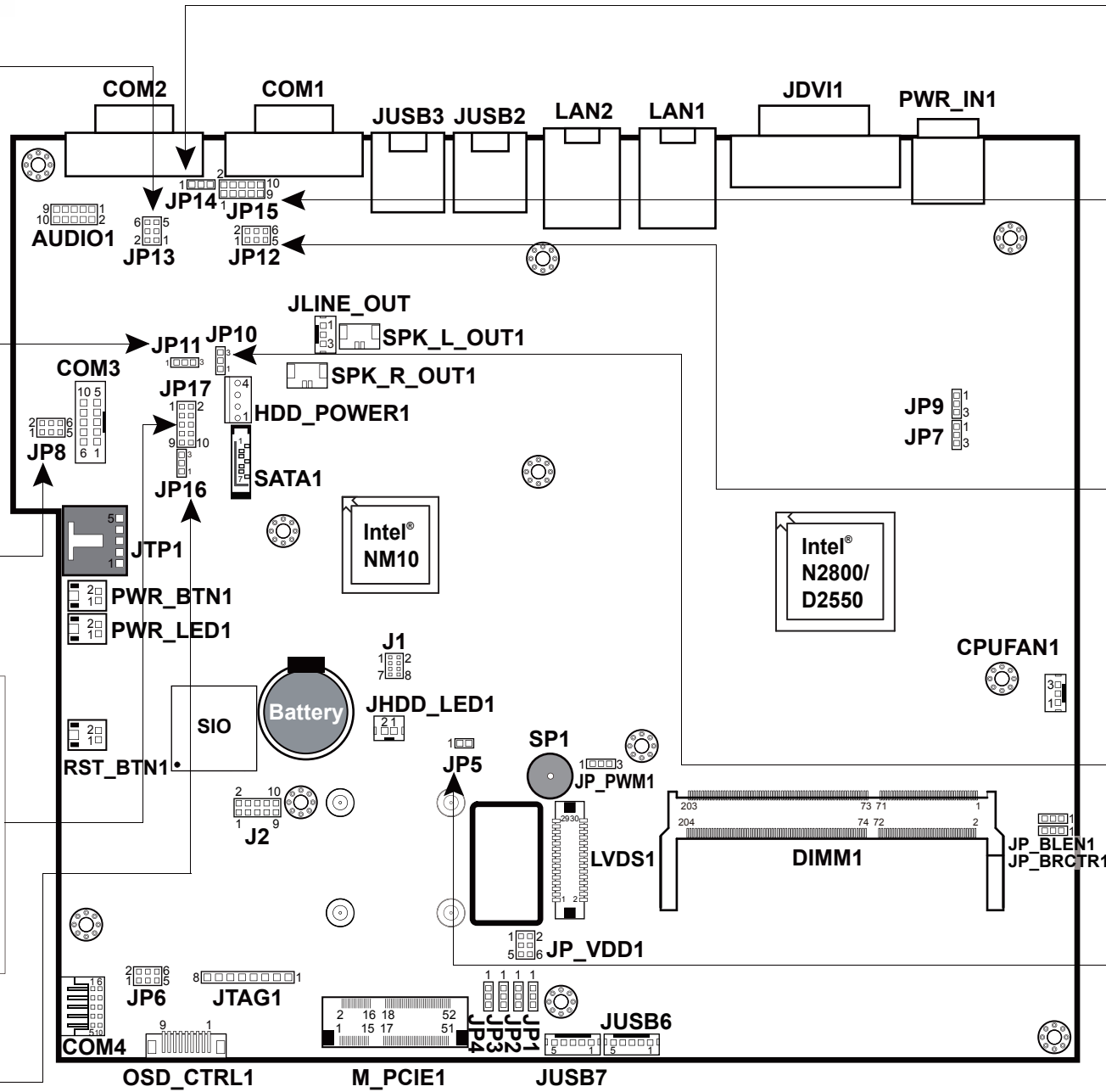
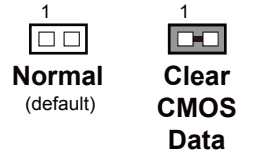
COM1 RI & Voltage Selection



Power Mode Selection



Clear CMOS Data Selection



Safety Precaution

The following messages are safety reminders on protecting your system from damages and extending a long life of the system.

1. Check the Cable Voltage

- The range of operating voltage should be between DC 9 ~ 36V. Otherwise, the system could be damaged.

2. Environmental Conditions

- Place your SP-7117 on a sturdy & level surface. Be sure to allow enough space to have easy access around the system.
- Avoid extremely hot or cold place to install the system.
- Avoid exposure to sunlight for a long period of time or in a airtight space. Also, avoid the system from any heating device or using SP-7117 when it's been left outdoors in a cold winter day.
- Note that the operating ambient temperature is 0~50°C for HDD & -5~60°C for CFAST card.
- 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 SP-6305 in strong vibrations may cause hard disk failure.
- Do not place the system close to any radio active device in case of signal interference.

3. Handling

- Avoid putting heavy objects on top of the system.
- Do not turn the system upside down. This may cause mal-function of the hard drive.
- If wate 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.
- Never use strong agents such as benzene or thinner to clean the system.
- If heavy stains are present, moisten a cloth with diluted neutral washing agent or alcohol, and then wipe thoroughly with a dry cloth.
- If dust has been accumulated on the outside, clean with a special vacuum cleaner made 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. The LCD and touch screen are easily breakable, please handle them with extra care.