PROTECH SYSTEMS
It's the right choice
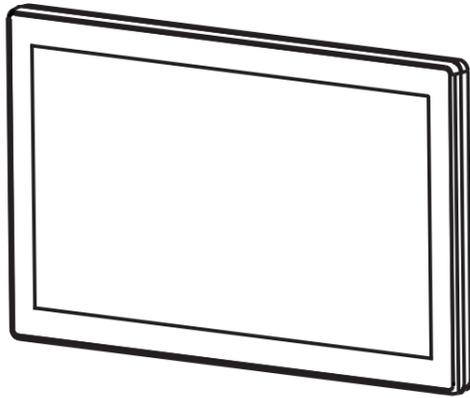
SP-7256

Quick Reference Guide

Ver. Q3

Packing Checklist

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

- ☑ SP-7256   x1
- ☑ This Quick Reference Guide   x1
- ☑ Driver DVD   x1

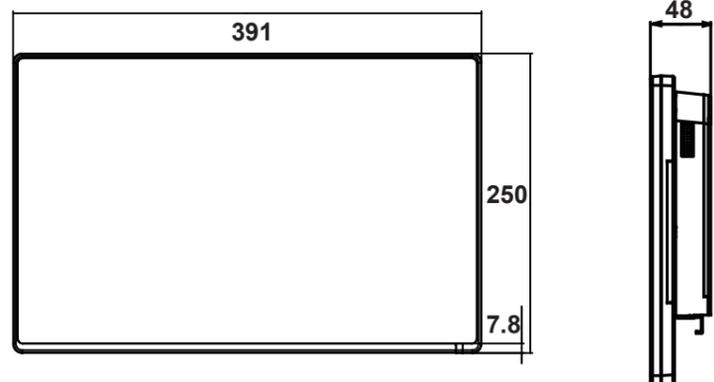## Specifications

System

CPU Support	Intel® Celeron N3350 processor on board
Memory Support	1 x SO-DIMM socket supporting 1600/1867MHz DDR3L memory up to 8G (non-ECC)
OS Support	Windows 10 64-bit, Ubuntu 16.04
Drive Bay	1 x 2.5" SATA HDD drive bay
Power Supply	DC-in 9V~36V
Power Adapter	24V, 60W
System Weight	3.2 kg
Dimension (WxHxD)	391mm x 250mm x 48mm
Certificate	FCC/CE/CB/UL

I/O Ports

Serial Port	1 port support (COM1 for RS232)
USB	4 x USB 3.0 1 x USB 2.0 on side bezel
Display Port	1 x DP
LAN	2 x LAN (Controller: 2 x Intel I210-IT (MAC+PHY, PCIe interface)) Supports Wake-On-LAN
Audio	1 x Line-out, 1 x MIC-in
Digital I/O	4 in / 4 out
DC-IN	1 x 4-pin DC power jack
Power On/Off	1 x Power On/Off button on side bezel, 1 x Remote Switch

Display

LCD Panel Size	15.6" WXGA (resolution: 1366 x 768)
Touchscreen	Projected capacitive touch screen

Environment

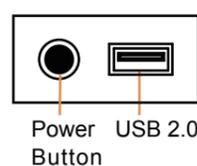|	
Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ 80°C (-4°F ~ 176°F)
Humidity	20% ~ 90%

System View

FRONT VIEW   **SIDE VIEW**   Unit: mm

391, 250, 7.8, 48

REAR I/O

DC-IN, HDD, COM1, USB 3.0, DP, LAN1, LAN2, DIO, Line-out, MIC-in, Remote Switch

SIDE I/O

Power Button   USB 2.0

Jumper Setting

LVDS VCC Voltage

3.3V	5V (default)

LVDS Backlight Control

3.3V (default)	5V

Clear CMOS Data

Normal (default)	Clear CMOS

Front Panel Setting

- HDD LED (1-3)
- Power LED (2-6)
- Reset Button (5-7)
- Power Button (8-10)

Board components: JP9, USB3, SATA1, JP_VDD1, JINV1, JP1, JP3, SW1, LDVS1, JP4, JP7, JBAT1, PWR2, SO-DIMM1, AUDIO1, JDIO1, JFP1, SATA_PWR1, M_PCIE1, COM1, COM2, JI2C1, JLPC1, USB1, USB2, DP1, LAN1, LAN2
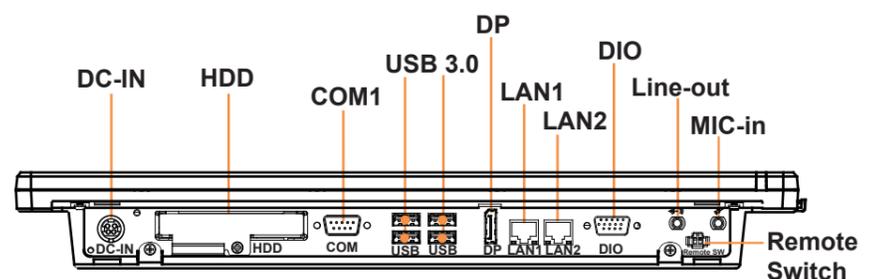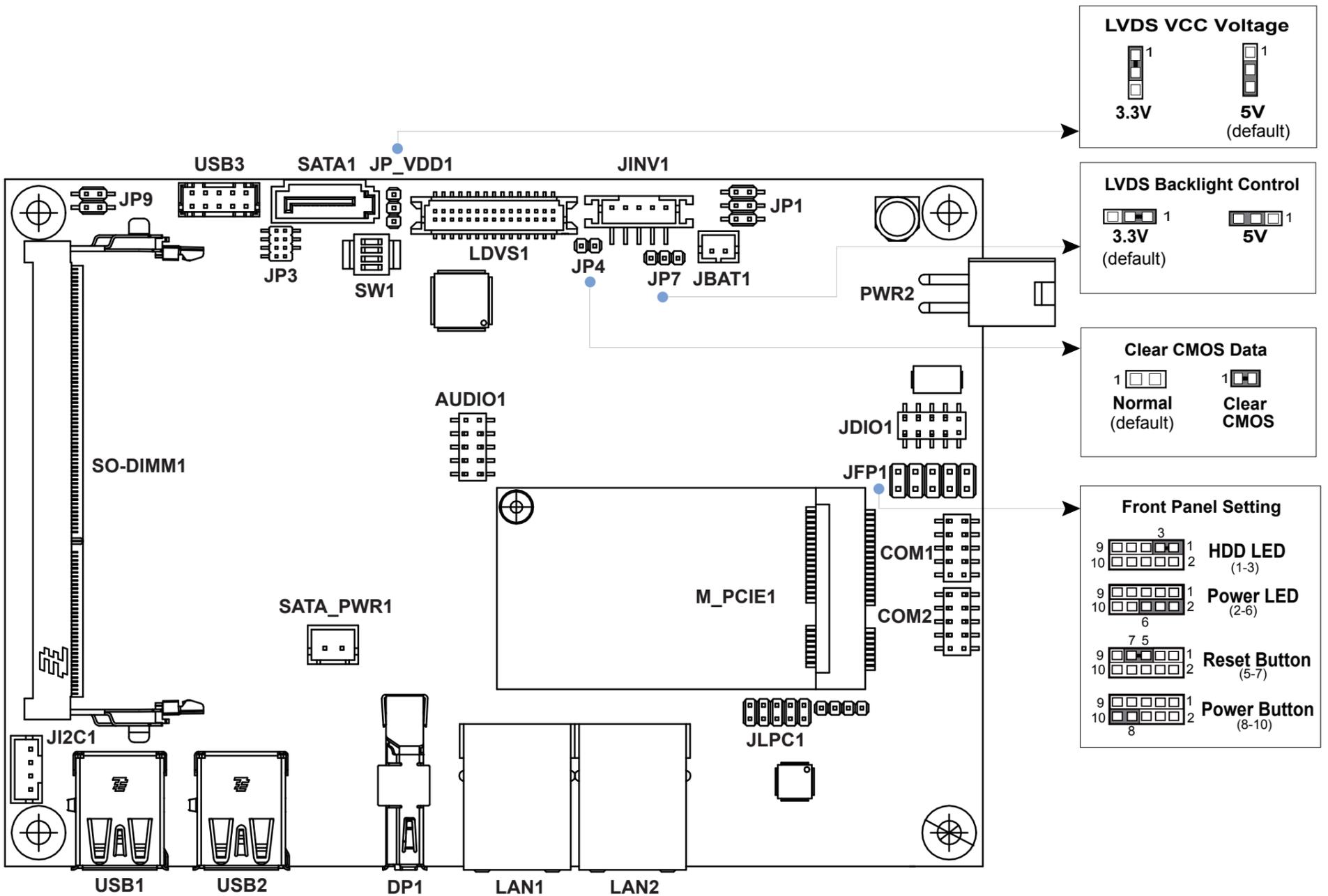
CAUTION! Danger of explosion may occur if the battery is replaced incorrectly. Replace batteries only with the same or equivalent type recommended by the manufacturer. Dispose the used batteries according to the manufacturer's instructions.

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 9V~36V DC; otherwise, the system may be damaged.

2. Environmental Conditions
   - Do not lay your SP-7256 flat on the table when it is in operation. 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 SP-7256 against strong vibrations, which may cause hard disk failure.

3. Handling
   - Do not turn the system upside down. This may cause the hard drive to malfunction.
   - 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 accordingto 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.