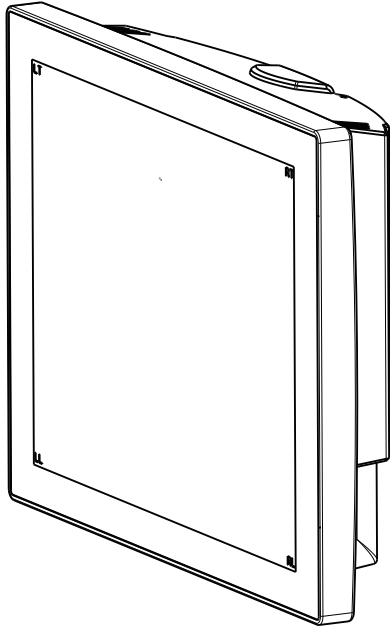


SP-7755

Quick Reference Guide



Ver. Q1

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Packing Checklist

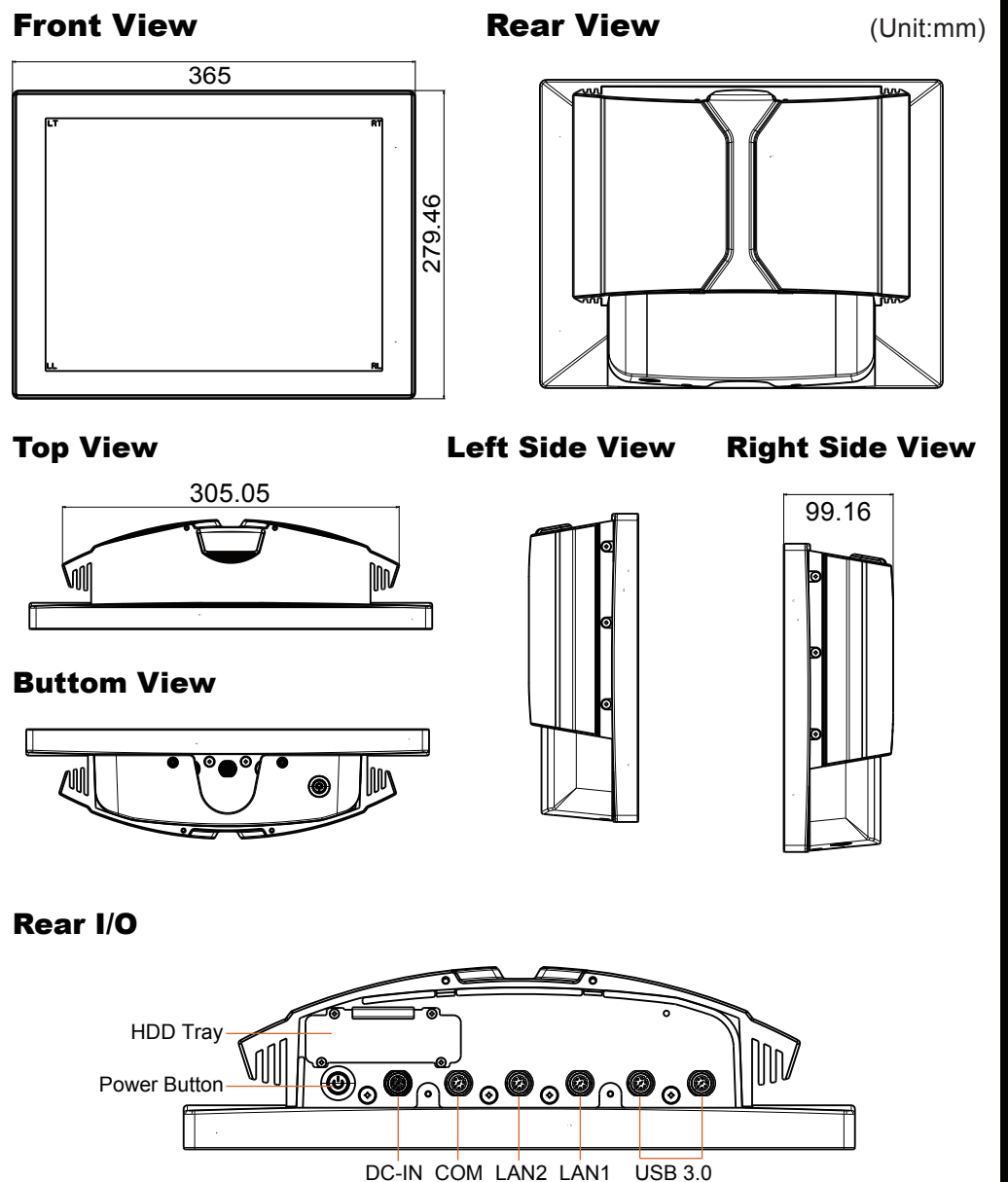
If you discover any item below damaged or lost, please contact your vendor.

- | | |
|--|----|
| <input checked="" type="checkbox"/> SP-7755 | x1 |
| <input checked="" type="checkbox"/> This Quick Reference Guide | x1 |
| <input checked="" type="checkbox"/> Driver/ Manual DVD | x1 |
| <input checked="" type="checkbox"/> M12 Power Supply Cable | x1 |

Specifications

System	
CPU Support	Intel® Celeron® N3350 processor : 6w, 2M Cache, 2.4Ghz Intel® Atom™ x7 E3950 processor : 6.5w, 2M Cache, 1.8Ghz
Chipset	Intel® SOC
Memory Support	1 x SO-DIMM socket supporting 1600/1867 DDR3L memory up to 8G (non-ECC)
Front Bezel	Aluminum
Drive Bay	1 x SATAIII Port (6.0 Gb/sec)
IP Rating	IP66
Power Input	DC in 12V / 24V
Operating System	Windows 10 IoT Enterprise LTSC 2016 64bit / Ubuntu 16.04 LTS
Watchdog	1~255 second Watchdog timer selectable
Weight / Dimension	7.2 kg / 365mm(W) x 279.46mm(H) x 99.16mm(D)
Mounting Support	Wall mount / VESA 100 / Stand
Certificate	FCC/CE
I/O Ports (Rear side)	
Power Input	1 x M12 waterproof connector, supporting 12V / 24V DC
Power Switch	1 x Power Button
USB	2 x USB 3.0 with M12 waterproof connector
Serial Port	1 x COM port with M12 waterproof connector COM1 for RS-232
LAN	2 x GbE LANs with M12 waterproof connector LAN 1: Intel® I210IT / LAN 2 : Intel® I210IT
Drive Bay	1 x 2.5 inch SATAIII HDD or SSD drive space
Expansion Slot	1 x full-sized mini-PCIe slot (with mini-PCIe and USB signal)
Display	
LCD Panel	15" XGA (resolution 1024 x 768) LCD panel
Touch Screen	15" Projective capacitive touch (USB interface) 15" 5-wire Resistive touch (USB interface)
Environment	
Operating Temp.	HDD: 0°C ~ 45°C (32°F ~ 113°F) SSD: 0°C ~ 55°C (32°F ~ 131°F) Wide Range Temp. : -20°C ~ 55°C (-4°F ~ 131°F) (w/ E3950)
Storage Temp.	-20°C ~ 80°C (-4°F ~ 176°F)
Humidity	20% ~ 90%

System View

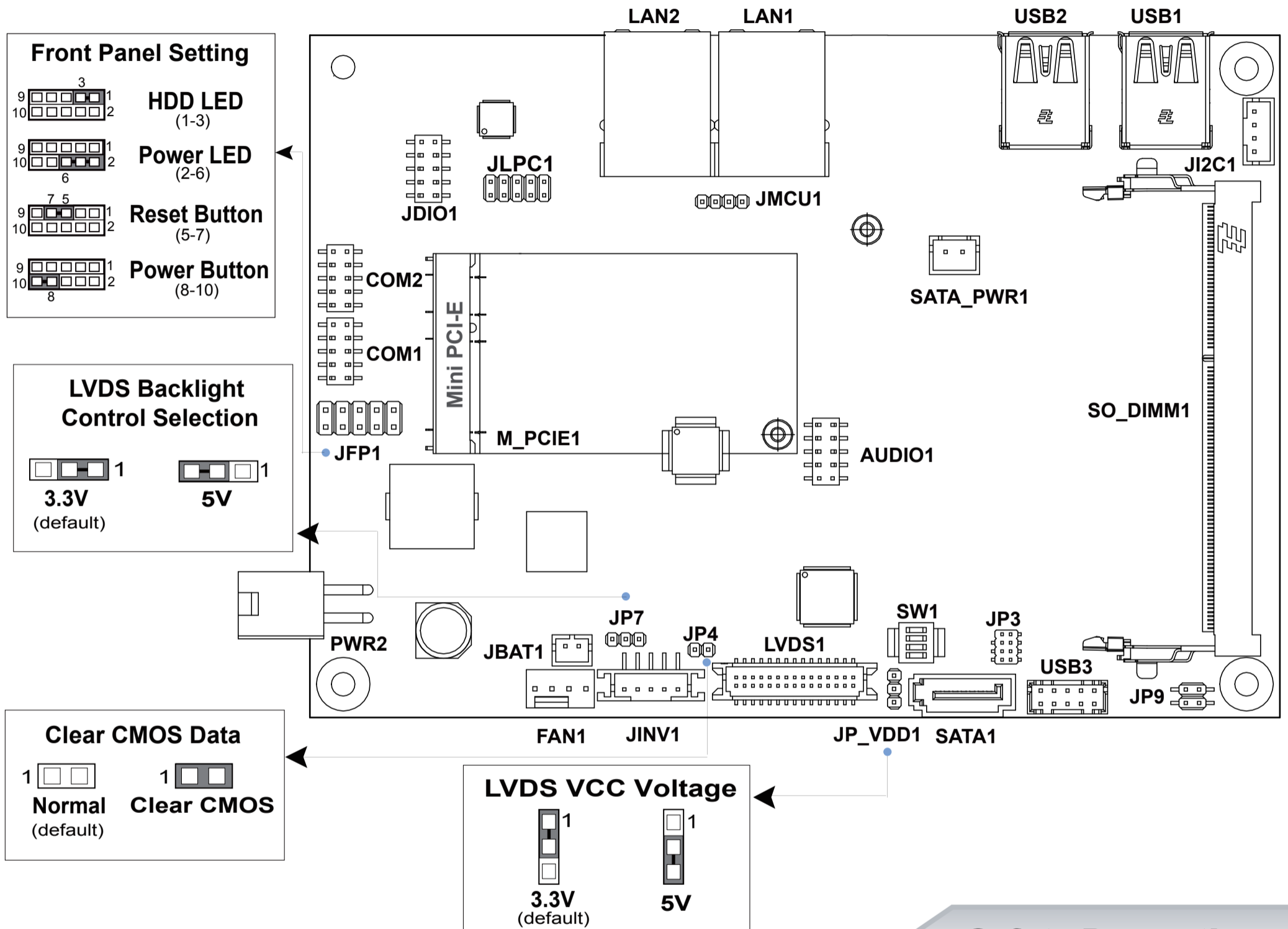


SP-7755

15" Intel® Atom™ x7-E3950 / Celeron® N3350 Processor Fanless and all-around IP66 Panel PC

Jumper Setting

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

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

1. Check the Line Voltage
 - The operating voltage for the power supply should cover the range of 12V / 24V DC; otherwise, the system may be damaged.
2. Environmental Conditions
 - Place your SP-7755 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 SP-7755 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 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.