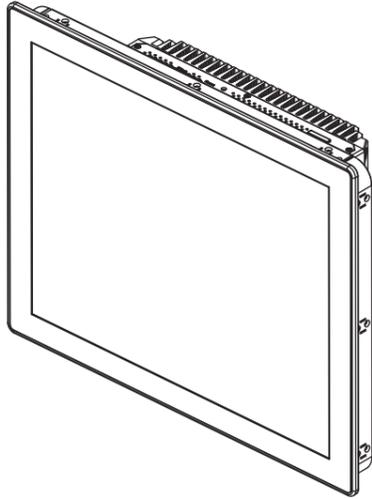


SP-6565/ SP-6567

Quick Reference Guide



Ver. Q1

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Specification

System

CPU Support	7th/6th Gen. Intel® Core™ i7/i5/i3 & Pentium®/Celeron® LGA1151 socket processor (CPU TDP max. up to 35W)
Chipset	Intel® Q170/ H110
Memory Support	2 x DDR4 2133MHz SO-DIMM socket up to 32GB
Drive Bay	2 x 2.5" SATAIII HDD/SSD (support RAID 0/1 in Q170 SKU only)
Audio	1 x Line In / 1 x Line Out / 1 x Mic In
Expansion Slots	1 x Full-sized mini-PCIe (mini PCIe, USB and SIM signals) 1 x Half-sized mini-PCIe (mini PCIe and USB signals) 1 x SIM card slot / 1 x CFAST slot
Net Weight & Dimensions (WxHxD)	SP-6565: 8.2kg, 365.3 x 279.7 x 115.1mm SP-6567: 9.1kg, 395.8 x 328.2 x 115.1mm
Power Input	DC in 9~36V
Certificate	FCC/CE

I/O Ports (Top side)

SIM card / CFAST slot	1 x SIM card slot / 1 x CFAST card slot
Reset / Antenna	1 x Reset pin / 3 x antenna hole

I/O Ports (Bottom side)

Display	1 x DVI-I (DVI-D+VGA)
USB	4 x USB 3.0
Serial Ports	COM3/4 for RS232 COM1/2 for RS232/422/485 (selectable under BIOS) [COM1/2 for 5V/12V/RI selectable by jumper]
LAN	2 x GbE LAN, Wake-On-LAN, PXE LAN 1: Intel® PHY I219 LM (10/100/1000 Mbps) LAN 2: Intel® LAN I210 AT (10/100/1000 Mbps)
Digital I/O Port	8 in / 8 out, DSUB-25 type or 16-pin terminal block (optional)
I ² C Bus	1 x I ² C bus port (optional)
Audio	1 x Line In / 1 x Line Out / 1 x Mic In
Power Input	DC in 9~36V (DIN type 4-pin connector or 3-pin terminal block)
Power On/Off	1 x power button, 1 x remote switch

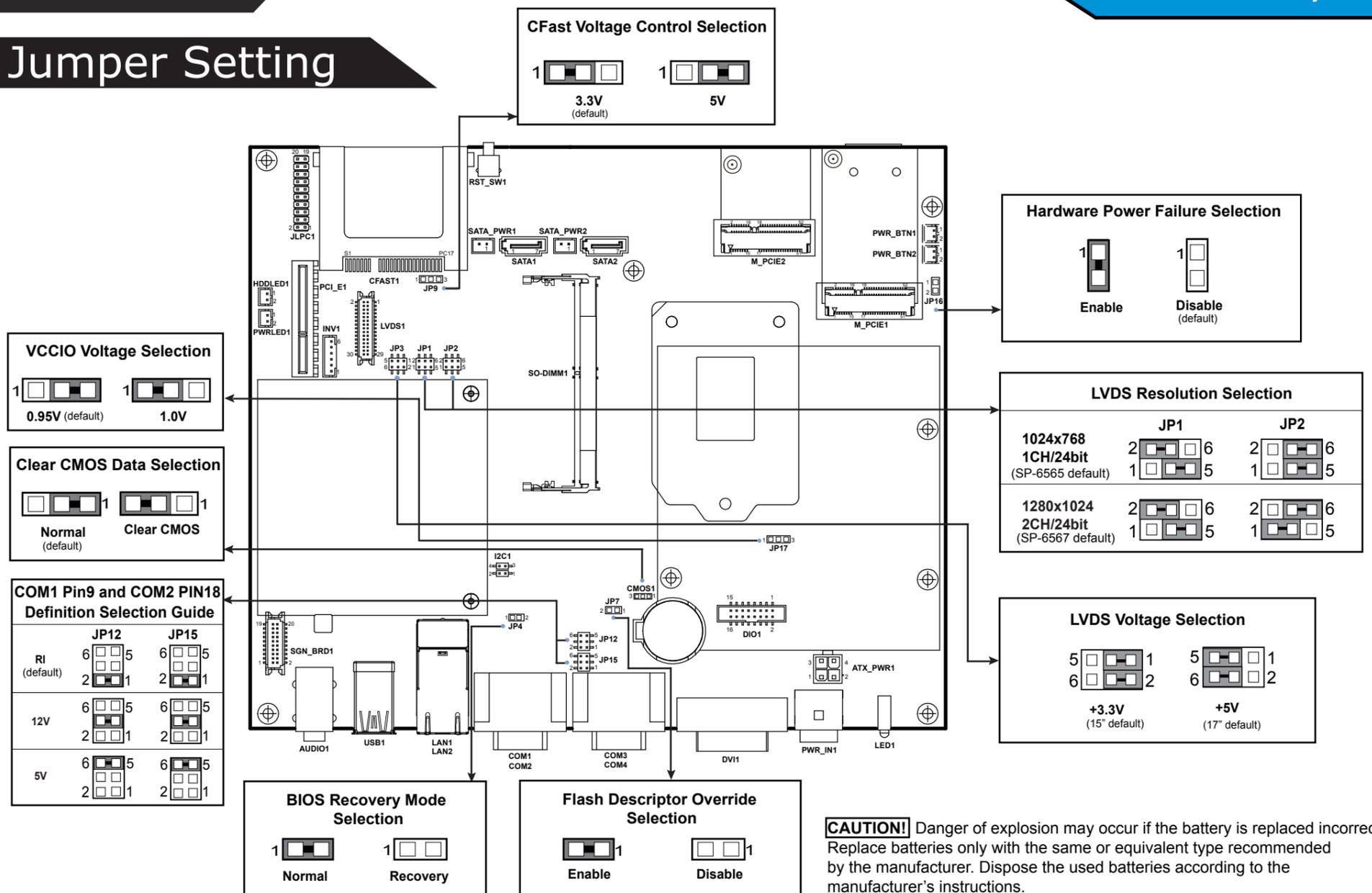
Display

LCD Panel Size	SP-6565: 15" TFT LCD(LED) XGA (resolution: 1024 x 768) SP-6567: 17" TFT LCD(LED) SXGA (resolution: 1280 x 1024)
Touchscreen	5-wire resistive touchscreen or P-CAP touchscreen (USB interface)

Environment

Operating Temp. (with airflow)	SSD: 0°C ~ 45°C (32°F ~ 113°F) (with PoE 0°C ~ 40°C (32°F -104°F))
Storage Temp.	-20°C ~ 80°C (-4°F ~ 176°F)
Humidity	20% ~ 90%

Jumper Setting

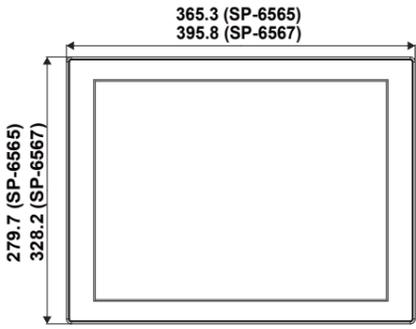


CAUTION! Danger of explosion may occur if the battery is replaced incorrectly. Replace batteries only with the same or equivalent type recommended by the manufacturer. Dispose the used batteries according to the manufacturer's instructions.

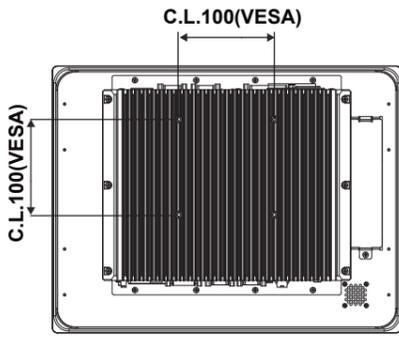
System Overview

(Unit: mm)

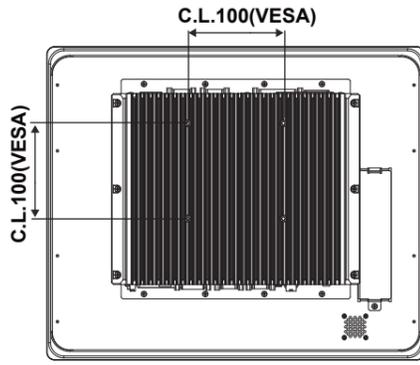
Front View



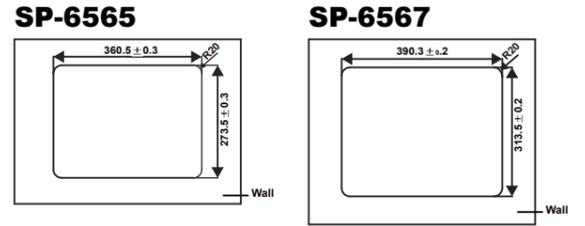
Rear View (SP-6565)



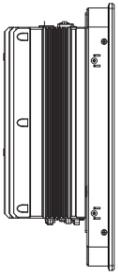
Rear View (SP-6567)



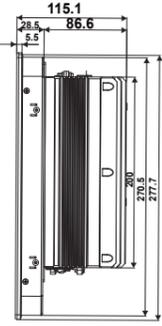
Wall Mount Cut-out Dimensions



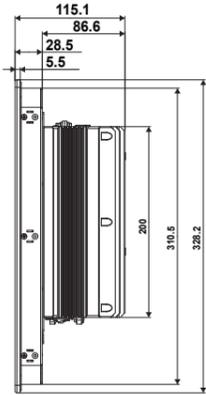
Left Side View SP-6565 & SP-6567



Right Side View SP-6565

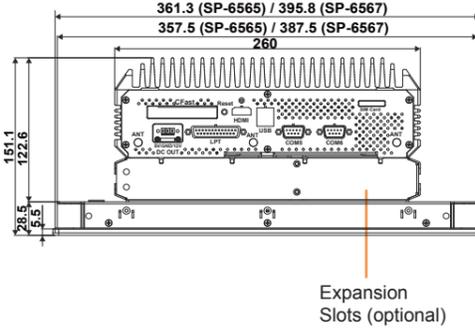


Right Side View SP-6567

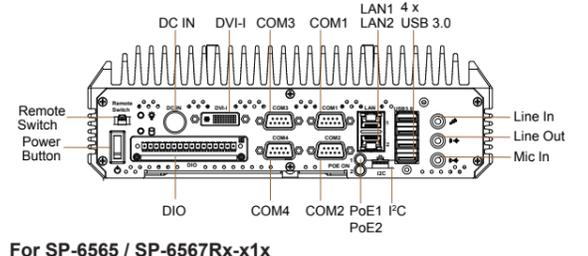


Top View SP-6565 and SP-6567

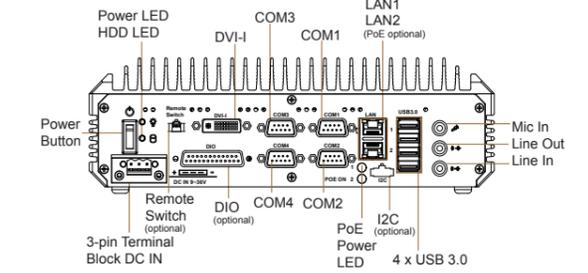
The picture below illustrates the top view of SP-6565 and SP-6567 equipped with the optional Expansion Slot.



Bottom I/O View For SP-6565 / SP-6567Rx-x0x



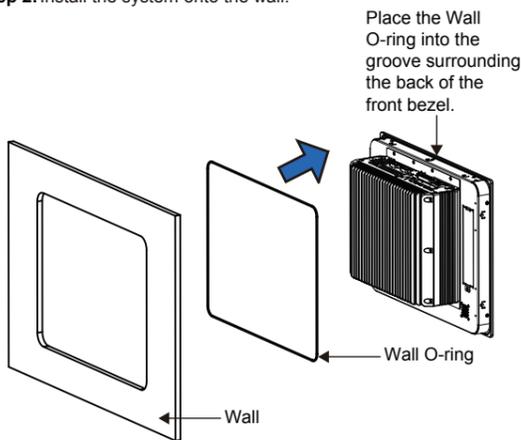
For SP-6565 / SP-6567Rx-x1x



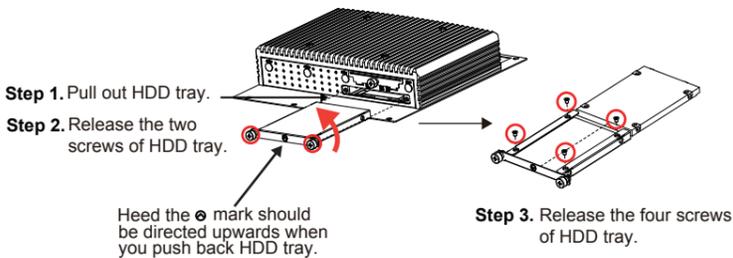
Quick Setup

Installing Wall O-ring

Step 1. Place the Wall O-ring into the groove surrounding the back of the front bezel.
Step 2. Install the system onto the wall.



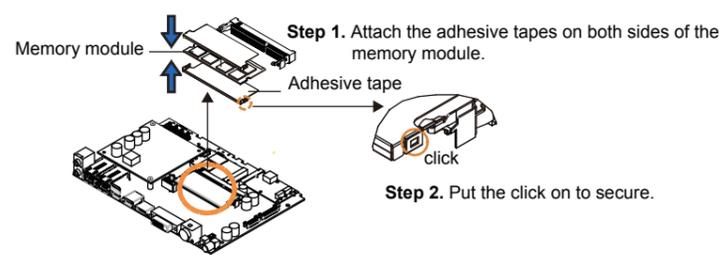
HDD Easy Maintenance



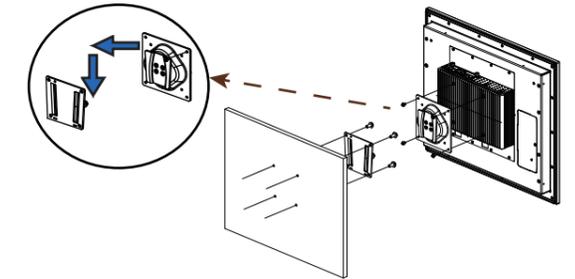
HDD & Memory & VESA Mount Accessories



Installing Memory Heatsink



Installing VESA Mount



Installing Hooks

SP-6565

Step 1. Install the hooks into the mounting holes on the four sides of SP-6565 using 10 x M3x5mm screws.

SP-6565

Step 2. Mount SP-6565 Panel PC equipped with 10 hooks onto the wall firmly.

SP-6565

Step 3. Install 10 mounting brackets onto the hooks on the four sides of Panel PC and fasten the mating screws to secure firmly.

SP-6567

Step 1. Install the hooks into the mounting holes on the four sides of SP-6567 using 12 x M3x5mm screws.

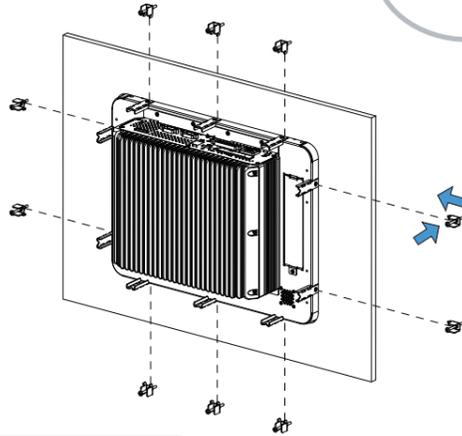
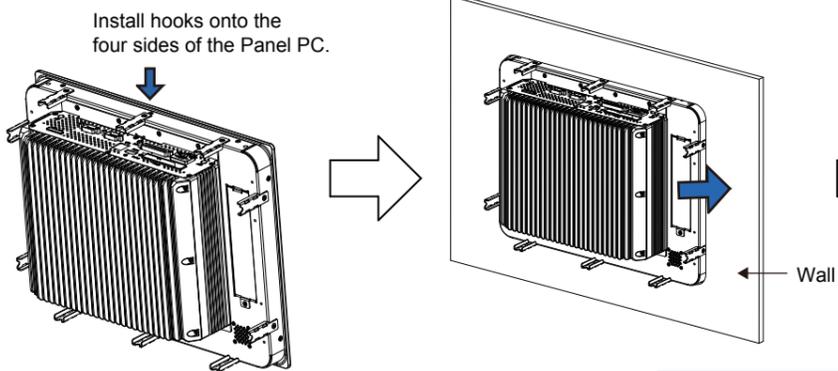
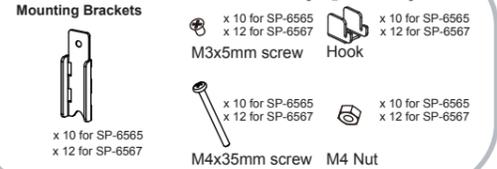
SP-6567

Step 2. Mount SP-6567 Panel PC equipped with 12 hooks onto the wall firmly.

SP-6567

Step 3. The operation is the same as above.

Hook Accessories (option)



1. Install the bracket.
2. Tighten the screw.

Safety Precaution

The following messages are reminders for safety on how to protect your system from damages and to extend a long life of the system.

1. Check the Cable Voltage

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

2. Environmental Conditions

- Place your SP-6565 / SP-6567 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 an airtight space.
- Avoid the system from any heating device or using SP-6565 / SP-6567 when it's been left outdoors in a cold winter day.
- Bear in mind that the operating ambient temperature is from 0°C ~ 45°C for SSD.
- Avoid moving the system rapidly from a hot place to a cold place and vice versa because condensation may come from inside of the system.
- Placing SP-6565 / SP-6567 in strong vibrations may cause hard disk failure.
- Don't 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.
- Don't turn the system upside down. This may cause the hard drive to mal-function.
- 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 a neutral washing agent with a dry cloth.
- Never use strong agents such as benzene and thinner to clean the system.
- If heavy stains are present, moisten a cloth with diluted neutral washing agent or with alcohol and then wipe thoroughly with a dry cloth.
- If dust has been accumulated on the outside, remove it by using a special made vacuum cleaner 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 according to the manufacturer's instructions.

WARNING! Some internal parts of the system may have high electrical voltage. And therefore we strongly recommend that qualified engineers can open and disassemble the system. Please handle LCD and Touchscreen with extra care as they are easily breakable.