

# 15" Fanless Full IP66/NEMA4 Panel PC (Intel® 4th Generation Core™ i5 Platform)

Stainless Chassis

MODEL #: R15IH3S-65C3

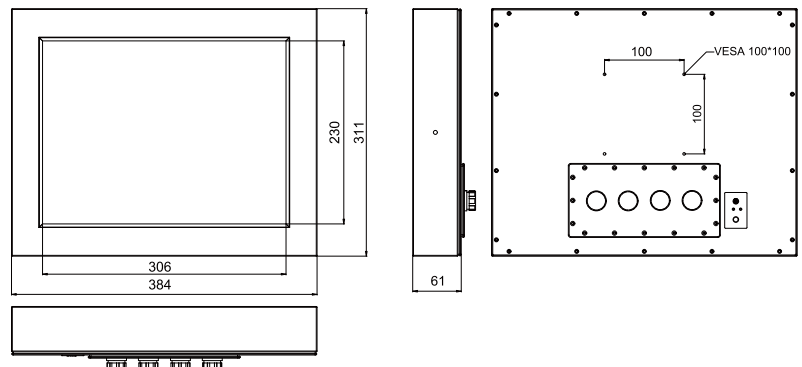
## Mechanical Design



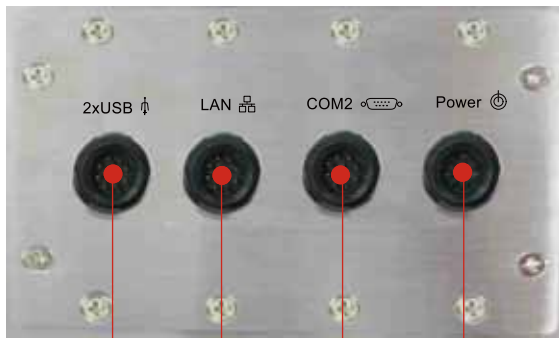
Standard:  
brushed stainless



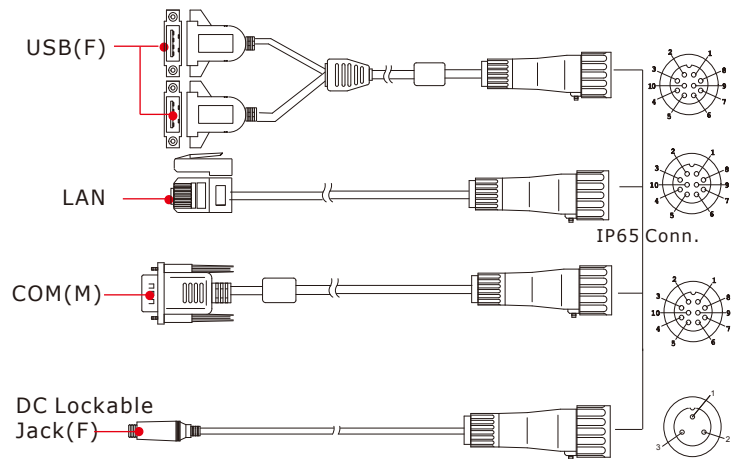
Optional:  
black, high polish,  
varnished coating



## IP66 connector / cable



2 x USB2.0 LAN COM2 Power



\* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

## System Specifications

### TFT Characteristics :

- Resolutions : 1024 x 768
- Brightness : 250 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 700 : 1 (typ.)
- Viewing Angles : -80~80(H); -70~70(V)
- Max Colors : 16.2M

### SBC Specifications :

- Processor : Intel® 4th Generation Core™ i5-4200U  
1.6GHz (Turbo max. 2.6GHz)
- BIOS : AMI UEFI BIOS
- System Memory : 1 x DDR3L 1600MHz 4GB (Default) Max 8GB
- Graphic Chipset : Integrated Graphic
- Ethernet : 1000 Base-Tx Gigabit Ethernet Compatible
- USB : 2 x USB 2.0
- Serial : 1 x RS232
- SSD Interface : 1 x Mini PCIe SSD Default 64GB, Max 256GB
- Power Input : DC-IN

\* A customized housing is needed if you would like to have the PCI expansion.

### Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 50W (typ.)(Max.backlight & high CPU load)

### Accessories :

- External Power Supply 80W w/power cord

### Environment Considerations :

- Operating Temperature : 0 deg.C to 45deg.C
- Operating Humidity : 30% to 90% (non condensing)

### Input/ Output Connectors :

- Ethernet LAN : 1 X RJ45-10/100/1000 Mbps
- COM : 1 X RS232
- USB : 2 x USB 2.0
- Power : 1 X 12VDC

### Order Options :

SBC	PANEL PC
RAM : SODIMM DDR3 2GB/4GB/8GB	Mechanical : Stainless Chassis
Storage : 2.5" HDD/ Mini Pcle SSD	Touch : 5 Wires Resistive(Optional)
	OS : Windows 7 embedded / Windows 8 embedded (Optional)

Rev.	Reasons	Revised Date
1.0	New Release	Mar-31-15

