

# 19" Flat Stainless P-Cap IP69K Panel PC (Intel® Celeron Bay Trail-M N2930 1.83GHz)

Flat Stainless P-Cap Chassis

MODEL #: R19IB3S-SPM169

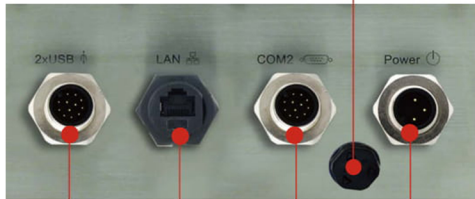


## Features:

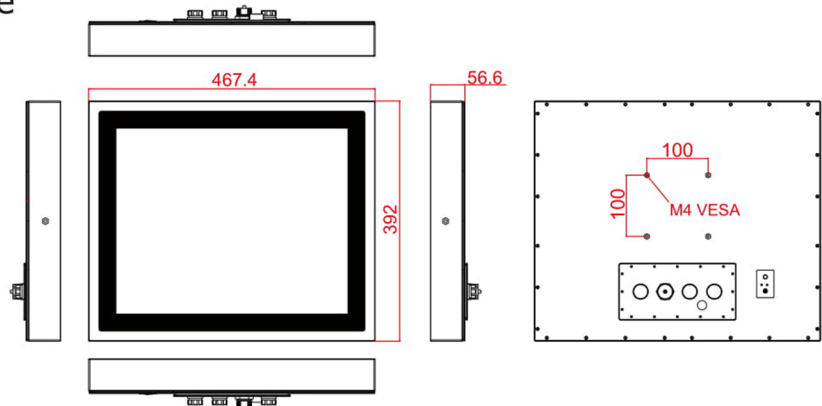
- Intel® Celeron Bay Trail-M N2930 1.83GHz Processor
- SUS 316 / AISI 316 stainless steel for food and chemical industries
- Sealed to IP69K for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- Flat multi-touch panel pc with superior readability and P-Cap technology
- Various mounting solutions, Yoke mount and VESA mount
- Plenty of I/O s including USB 2.0, RS232 serial port and RJ45-10/100/1000 LAN ports
- Waterproof ports with adapter cables for external connectivity
- Support Glove / Rain mode (Optional)

## Waterproof connector / cable

### Air Venting Valve



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 : 1280 x 1024
- Brightness : 250 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M
- Touchscreen : Projected Capacitive Multi-Touch (Default); Non-touch glass (Optional); Anti-glare coating (Optional)

### SBC Specifications :

- Processor : Intel® Celeron Bay Trail-M N2930 1.83GHz
- BIOS : AMI 16Mbit Flash
- System Chipset : Intel® Atom SoC Integrate
- Memory Slot : 1 x SO-DIMM, Default 4GB, Max 8GB DDR3L 1600
- Storage : Default 64GB Mini PCIe SATA III
- Graphic Chipset : Integrated HD Graphics
- Ethernet : 2 x RJ45 Gigabit LAN (1 x RJ45 internal)
- Audio : Built in ALC886 HD Audio Codec
- USB : 6 x USB2.0 (4 x USB internal)
- Serial : 4 x RS232 (3 x RS232 internal)
- Expansion Slot : 1 x Mini PCIe (Internal)
- SSD Interface : 1 x Mini PCIe SSD
- Power Input : DC-IN (Lockable, Power Jack)
- Certification : CE, FCC, RoHS
- Security : Trusted Platform Module (TPM 2.0)

### Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 45W (typ.)(Max.backlight & high CPU load)

### Environment Considerations :

- Operating Temperature : 0 deg.C to 45deg.C
- Operating Humidity : 30% to 90% (non condensing)
- IP Rating : IP69K, air venting valve

### Input/ Output Connectors :

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

### Mechanical Specifications :

- Housing : SUS 316/ AISI 316 stainless steel

### Accessories :

- External Power Supply 80W w/power cord
- LAN Cable
- Serial Cable
- USB Cable
- VESA screws

### Order Options :

| SBC                              | PANEL PC                          |
|----------------------------------|-----------------------------------|
| RAM : SODIMM DDR3L Max 8GB       | OS : Windows 10 IoT Enterprise    |
| Storage : 2.5" HDD/Mini PCIe SSD | Windows Embedded 8.1 Industry Pro |
|                                  | Windows Embedded 8 Standard       |
|                                  | Windows Embedded 7 Standard       |



Note: All Specifications are subject to change without prior notice!

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