

# 15" Flat Stainless P-Cap IP65 Panel PC (Intel® Celeron Bay Trail-M N2930 1.83GHz)

Flat Stainless P-Cap Chassis

MODEL #: R15IB3S-SPC3



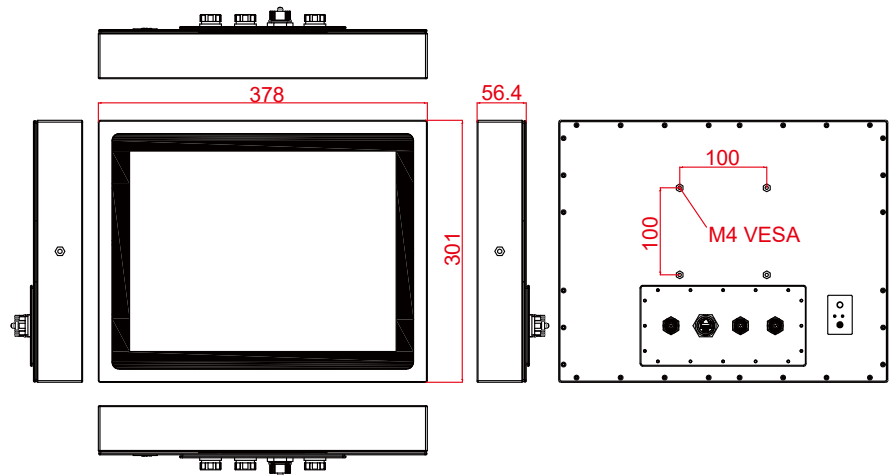
## Features:

- Intel® Celeron Bay Trail-M N2930 1.83GHz Processor
- SUS 316/ AISI 316 stainless steel for food and chemical industries
- Sealed to IP65 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)

## IP65 connector / cable



2 x USB 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
- Touch Screen : Projected Capacitive Multi-Touch (P-CAP)  
Anti-glare coating (Optional)

### 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
- 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 1.2)

\* A customized housing is needed if you would like to have more I/O connectors

### Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 38W (typ.)(Max.backlight & high CPU load)

### Mechanical Specifications:

- Housing : SUS 316/ AISI 316 stainless steel

### 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 Type-A Receptacle
- Power : 1 x 12VDC

### 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<br>Windows Embedded 8.1 Industry Pro<br>Windows Embedded 8 Standard<br>Windows Embedded 7 Standard |
| Storage : 2.5" HDD/Mini PCIe SSD |   |



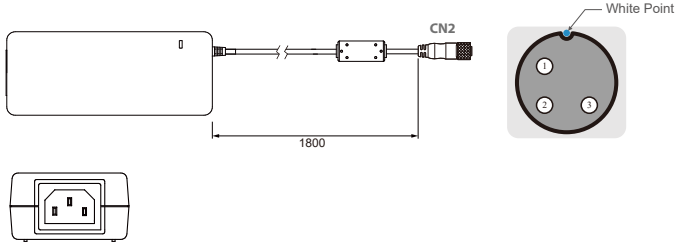
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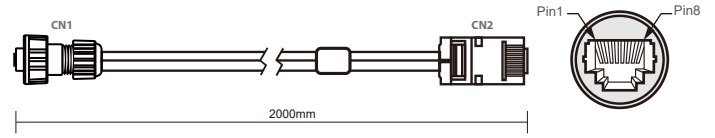
Pin Assignment of cables

## Power Cable



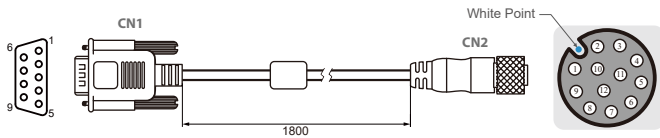
| Pin No. | Symbols | Color     |   | Pin No. | Symbols | Color        |
|---------|---------|-----------|---|---------|---------|--------------|
| CN1-1   | VIN -   | NO ASSIGN | ↔ | CN2-1   | VCC+    | Flow Adapter |
| CN1-2   | VIN -   | NO ASSIGN | ↔ | CN2-2   | GND     | Flow Adapter |
| CN1-3   | VIN -   | NO ASSIGN | ↔ | CN2-3   | VCC -   | Flow Adapter |

## LAN Cable



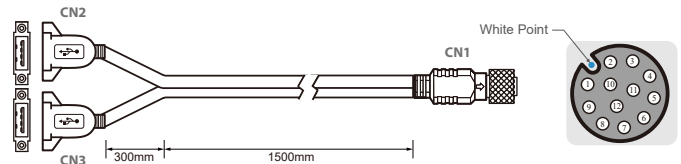
| Plug | Wire Color     | Conn. |       |
|------|----------------|-------|-------|
| 1    | Orange / White | 1     | Twist |
| 2    | Orange         | 2     |       |
| 3    | Green / White  | 3     | Twist |
| 4    | Blue           | 4     |       |
| 5    | Blue / White   | 5     | Twist |
| 6    | Green          | 6     |       |
| 7    | Brown / White  | 7     | Twist |
| 8    | Brown          | 8     |       |

## RS232 Cable



| Pin No. | Symbols  | Color  |   | Pin No. | Symbols  | Color  |
|---------|----------|--------|---|---------|----------|--------|
| CN1-1   | DCD-CON2 | Green  | ↔ | CN2-1   | DCD-CON2 | Green  |
| CN1-6   | DSR-CON2 | Brown  | ↔ | CN2-2   | DSR-CON2 | Brown  |
| CN1-2   | RXD-CON2 | Red    | ↔ | CN2-3   | RXD-CON2 | Red    |
| CN1-7   | RTS-CON2 | Orange | ↔ | CN2-4   | RTS-CON2 | Orange |
| CN1-3   | TXD-CON2 | Blue   | ↔ | CN2-5   | TXD-CON2 | Blue   |
| CN1-8   | CTS-CON2 | White  | ↔ | CN2-6   | CTS-CON2 | White  |
| CN1-4   | DTR-CON2 | Purple | ↔ | CN2-7   | DTR-CON2 | Purple |
| CN1-9   | RI-CON2  | Yellow | ↔ | CN2-8   | RI-CON2  | Yellow |
| CN1-5   | GND-CON2 | Black  | ↔ | CN2-9   | GND-CON2 | Black  |

## USB Cable



| Pin No. | Symbols | Color |   | Pin No.                      | Symbols | Color |
|---------|---------|-------|---|------------------------------|---------|-------|
| CN1-2   | VCC     | RED   | ↔ | CN2-1                        | VCC     | RED   |
| CN1-3   | D-      | WHITE | ↔ | CN2-2                        | D-      | WHITE |
| CN1-4   | D+      | GREEN | ↔ | CN2-3                        | D+      | GREEN |
| CN1-5   | GND     | BLACK | ↔ | CN2-4                        | GND     | BLACK |
| CN1-6   | VCC     | RED   | ↔ | CN3-1                        | VCC     | RED   |
| CN1-7   | D-      | WHITE | ↔ | CN3-2                        | D-      | WHITE |
| CN1-8   | D+      | GREEN | ↔ | CN3-3                        | D+      | GREEN |
| CN1-9   | GND     | BLACK | ↔ | CN3-4                        | GND     | BLACK |
| CN1-1   | GND     | Braid | ↔ | Braid connect to the housing |         |       |

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

fanless embedded PC, do racku, ...



### POČÍTAČE S DISPLEJEM

panelové PC, terminály, do vozidel, ...



### AUTOMATIZACE A SBĚR DAT

převodníky, karty, moduly, switche, ...



### PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



### NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



### INFORMAČNÍ KIOSKY

interiérové, venkovní, ...



### MEDICÍNSKÁ TECHNIKA

počítače, tablety, LCD, klávesnice, ...



### SOFTWAREVÁ ŘEŠENÍ

pro výrobu, zaměstnance, kiosky, ...



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.