# R15IB3S-SPC3-B

# 15" Intel® Celeron® N2930 Stainless B Series Panel PC



## **KEY FEATURES**

- Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)
- Fanless cooling system
- SUS 316/ AISI 316 stainless steel for food and chemical industries
- Full IP65 waterproof enclosure, good corrosion resistance
- A true flat, easy-to-clean front surface with edge-to-edge design
- Supports VESA mount
- Rotary switch adjust different touch mode for Hand/ Rain/ Glove application
- Emergency and Flat buttons for automation device control



### **SPECIFICATIONS**

| Resolution         1024x768         Size         15.0 inches           Contrast Ratio         2000:1         Panel Brightness         300 nits           View Angles         88.88.88.88         Touch / Glass         Projected Capacitive Multi Touch Screen           System Specification           Processor         Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)         Memory         1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)           Storage         1 x mSATA SSD 64GB. msATA SSD 4GB. msATA SSD up to 512GB. (Optional)         Ethernet controller         2 x Intel® Ethernet Controller 1210-AT msATA SSD up to 512GB. (Optional)           WLAN         802.11 a/b/g/n/ac (Optional)         BT         BT support (Optional)           Mechanical           Dimension         426 x 301 x 69 mm         Mounting         VESA Mount           Enclosure         Stainless Housing         Cooling System         Fanless design           Environment           Operating Humidity         10% to 90% (non-condensing)         Operating Properature         0~45°C           Storage Temperature         120-60°C         Properating Properation P   | Display            |                                      |                       |   |
|--|--------------------|--------------------------------------|-----------------------|---|
| Name   | Resolution         | 1024x768                             | Size                  | 15.0 inches                             |
| System Specification   | Contrast Ratio     | 2000:1                               | Panel Brightness      | 300 nits                                |
| Processor   Intel® Celeron® N2930 (2M Cache, up to 2.16   Memory   1 x SC-DIMM, DDR3L 1600 MHz, 4GB and GHz)   | View Angles        | 88,88,88                             | Touch / Glass         | Projected Capacitive Multi Touch Screen |
| Storage 1x mSATA SSD 64GB. mSATA SSD pt 0 512GB. (Optional)  Security 7PM 2.0  | System Specificat  | ion                                  |                       |   |
| mSATA SSD up to 512GB. (Optional)  Security TPM 2.0  Operating System Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional) Linux Ubuntu 18.04 (Optional) WLAN  802.11 a/b/g/n/ac (Optional)  Mechanical  Dimension 426 x 301 x 69 mm Mounting VESA Mount Enclosure Stainless Housing Cooling System Fanless design  Environment  Operating Humidity 10% to 90% (non-condensing) Operating Temperature  Storage Temperature  Certification Certification CE, FCC  IO Ports  USB Port 1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A  Expansion Port CN1 and CN2 for front button control Indicator 1 x LED Indicator for storage Control  Control   | Processor          | ` · ·                                | Memory                |   |
| WLAN 802.11 a/b/g/n/ac (Optional)  WLAN 802.11 a/b/g/n/ac (Optional)  Mechanical  Dimension 426 x 301 x 69 mm Mounting VESA Mount  Enclosure Stainless Housing Cooling System Fanless design  Environment  Operating Humidity 10% to 90% (non-condensing) Operating Temperature  Storage Temperature  Certification  Certification  Certification  CE, FCC  IO Ports  USB Port 1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A  Expansion Port CN1 and CN2 for front button control Indicator 1 x LED Indicator for storage  Control  | Storage            |                                      | Ethernet controller   | 2 x Intel® Ethernet Controller I210-AT  |
| Mechanical  Dimension  | Security           | TPM 2.0                              | Operating System      | Windows 10 IoT Enterprise (Optional)    |
| Dimension 426 x 301 x 69 mm Mounting VESA Mount Enclosure Stainless Housing Cooling System Fanless design  Environment  Operating Humidity 10% to 90% (non-condensing) Operating Temperature P65  Storage Temperature -20~60°C IP rating P65  Certification  CE, FCC  IO Ports  USB Port 1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A  Expansion Port CN1 and CN2 for front button control LAN 1 x waterproof Giga LAN RJ45 connector Indicator 1 x LED Indicator for power 1 x LED Indicator for storage  Control   | WLAN               | 802.11 a/b/g/n/ac (Optional)         | ВТ                    | BT Support (Optional)                   |
| Enclosure Stainless Housing Cooling System Fanless design  Environment  Operating Humidity 10% to 90% (non-condensing) Operating Temperature Pemperature -20~60°C IP rating Prating Prating Profit Prating Profit Prating Profit Prating Profit Profit Profit Prating Profit | Mechanical         |                                      |                       |   |
| Environment  Operating Humidity 10% to 90% (non-condensing)  | Dimension          | 426 x 301 x 69 mm                    | Mounting              | VESA Mount                              |
| Operating Humidity 10% to 90% (non-condensing)  Storage Temperature  -20~60°C  IP rating  IP65  Certification  Certification  CE, FCC  IO Ports  USB Port  1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A  Expansion Port  CN1 and CN2 for front button control  Indicator  1 x LED Indicator for power 1 x LED Indicator for storage  Control   | Enclosure          | Stainless Housing                    | <b>Cooling System</b> | Fanless design                          |
| Storage Temperature  Certification  CE, FCC  IO Ports  USB Port  1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A  Expansion Port  CN1 and CN2 for front button control  Indicator  1 x LED Indicator for power 1 x LED Indicator for storage  Control   | Environment        |                                      |                       |   |
| Temperature  Certification  CE, FCC  IO Ports  USB Port  | Operating Humidity | 10% to 90% (non-condensing)          |                       | 0~45°C                                  |
| Certification CE, FCC  IO Ports  USB Port 1 x M12 waterproof connector for 2 x USB2.0  |                    | -20~60°C                             | IP rating             | IP65                                    |
| USB Port  1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A  Expansion Port  CN1 and CN2 for front button control  Indicator  1 x LED Indicator for storage  Control  | Certification      |                                      |                       |   |
| USB Port  1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A  Expansion Port  CN1 and CN2 for front button control  LAN  1 x M12 waterproof connector for RS232  1 x M12 waterproof connector for RS232  1 x M12 waterproof connector for RS232  1 x W12 waterproof connector for RS232  Control   | Certification      | CE, FCC                              |                       |   |
| 1 x Front waterproof connector for USB2.0 type-A  Expansion Port CN1 and CN2 for front button control LAN 1 x waterproof Giga LAN RJ45 connector  Indicator 1 x LED Indicator for power 1 x LED Indicator for storage  Control   | IO Ports           |                                      |                       |   |
| Indicator  1 x LED Indicator for power 1 x LED Indicator for storage  Control  | USB Port           |                                      | Serial Port           | 1 x M12 waterproof connector for RS232  |
| 1 x LED Indicator for storage  Control   | Expansion Port     | CN1 and CN2 for front button control | LAN                   | 1 x waterproof Giga LAN RJ45 connector  |
|  | Indicator          |                                      |                       |   |
| Button Rear side:  | Control            |                                      |                       |   |
|  | Button             | Rear side:                           |                       |   |

1 x Power Button

1 x Reset Button

Front side:

1 x Emergency Button & 3 x Flat Button for CN1 &

CN2 M12 connector

1 x Rotary Switch for touch mode

| Accessory |
|-----------|
|-----------|

**Accessory** 100~240V AC to DC Adapter with waterproof

connector

Power Cord

External USB cable with waterproof connector External COM cable with waterproof connector External LAN cable with waterproof connector External cables for CN1 & CN2 with waterproof

connector Waterproof caps

RJ45 female-female converter

Driver CD & Manual VESA screws

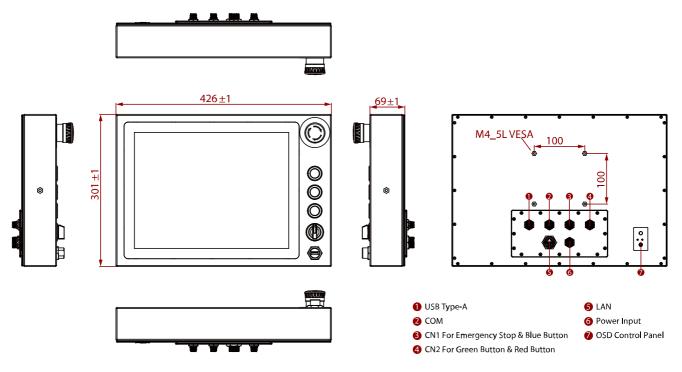
**Power** 

Power Rating M12 Type: 12V DC in

9~36V DC (Optional)

#### **DIMENSIONS**

UNIT:MM



Optional Accessory 1 x Open wire cable for M12 connector