

R15IB3S-67C3(HB)

15" Intel® Celeron® N2930 G-WIN Full IP67 Panel PC



KEY FEATURES

- Intel® Celeron® Bay Trail N2930 1.83GHz Processor Fanless Design
- High Quality 15" Panel, 1024 x 768 resolution, 1000 nits
- IP67 Dust/ Water proof design with VESA mount
- Aluminum Die-Casting Housing with Anti-Corrosion Treatments
- Build in ambient Light sensor
- Wide Range 9 to 36V DC Input with isolation
- 5 Wire Resistive Touch / Anti-Reflective Protection Glass (Optional)

INTRODUCTION

Winmate G-WIN IP67 Series Panel PC offers robust performance and versatility for demanding industrial environments. Available in sizes from 7" to 21.5", these fully sealed panel PCs feature IP67-rated water and dustproof protection, ensuring reliability in harsh conditions. Designed with a P-cap multi-touch screen, optical bonding, and optional anti-reflective glass, they deliver exceptional clarity and usability. The anti-corrosion aluminum die-cast housing, wide operating temperature range, and support for various OS make this series ideal for outdoor, manufacturing, and vehicle-mounted applications.

SPECIFICATIONS

System Specification

| | | | |
|-------------------------|--|----------------------------|--|
| Processor | Intel Celeron N2930 1.83GHz (up to 2.16GHz) | Memory | 1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional) |
| Storage | 1 x mSATA SSD 128GB 256GB (Optional) 512GB (Optional) | Ethernet controller | 2 x Intel® Ethernet Controller |
| Operating System | Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional) | WLAN | Support (Optional) |
| BT | Support (Optional) | | |

Display

| | | | |
|-----------------------|---|-------------------------|----------------|
| Resolution | 1024x768 | Size | 15.0 inches |
| Contrast Ratio | 2000:1 | Panel Brightness | 1000.0 nits |
| View Angles | 88,88,88,88 | Active Area | 304.1x228.1 mm |
| Touch / Glass | Resistive Touch Screen Bonding With Panel Protection Glass Without touch function (Optional) | | |

Mechanical

| | | | |
|-----------------------|--------------------------|------------------|------------------|
| Dimension | 398 x 308 x 58 mm | Weight | 4.2 kg |
| Mounting | VESA Mount Yoke Mount | Enclosure | Aluminum Housing |
| Cooling System | Fanless design | | |

Environment

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|----------------------------|---------------------------------------|------------------------------|--|
| Operating Humidity | 10% to 90% RH, Non-Condensing | Operating Temperature | -10°C to 55°C -40°C to 70°C (with intelligent heater) |
| Storage Temperature | -30°C to 70°C | Shock | MIL-STD-810G Method 516.6 Procedure I |
| Vibration | MIL-STD-810G Method 514.6 Procedure I | IP rating | IP67 |

Certification

| | |
|----------------------|---------|
| Certification | CE, FCC |
|----------------------|---------|

IO Ports

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|--------------------|--|-----------------|---|
| Power Input | 1 x M12 waterproof connector for 9~36V DC | USB Port | 1 x M12 waterproof connector for 2 x USB2.0 |
| Serial Port | 1 x M12 waterproof connector for RS232 | LAN | 1 x waterproof Giga LAN RJ45 connector |
| Indicator | 1 x LED Indicator for power 1 x LED Indicator for storage | | |

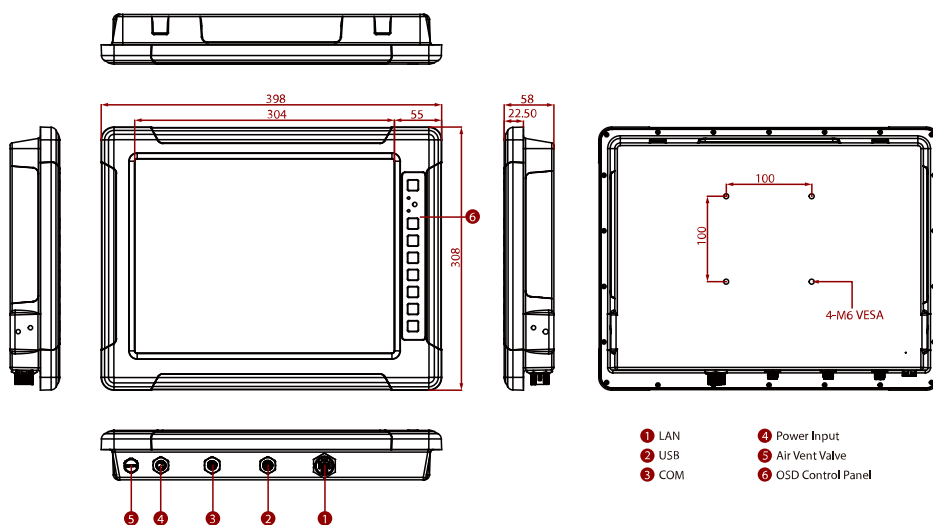
Control

| | |
|---------------|---|
| Button | 1 x "Power" key to power on the device. 1 x "+" key to increase screen brightness. 1 x "-" key to decrease screen brightness. 1 x "Menu" key can Automatically or manually adjusts brightness of the display screen 1 x Day / Night Mode button 1 x LED indicator brightness adjustment button 1 x Ambient Light sensor |
|---------------|---|

Accessory

| | | | |
|------------------|--|---------------------------|---|
| Accessory | External open wire Power cable with waterproof connector External USB cable with waterproof connector External COM cable with waterproof connector External LAN cable with waterproof connector Waterproof caps RJ45 female-female converter VESA screws | Optional Accessory | Yoke mount stand (Optional) 100~240V AC to DC 84W Adapter with power cord (Optional) |
|------------------|--|---------------------------|---|

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
3. Weight of the device varies by configuration.
4. Please contact our sales representative if you need further product information.
5. All specifications are subject to change without prior notice.
6. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.