

# IP67 G-Win Panel PC

(Intel® Kaby Lake Platform)

Flat Touch Panel Mount Panel PC

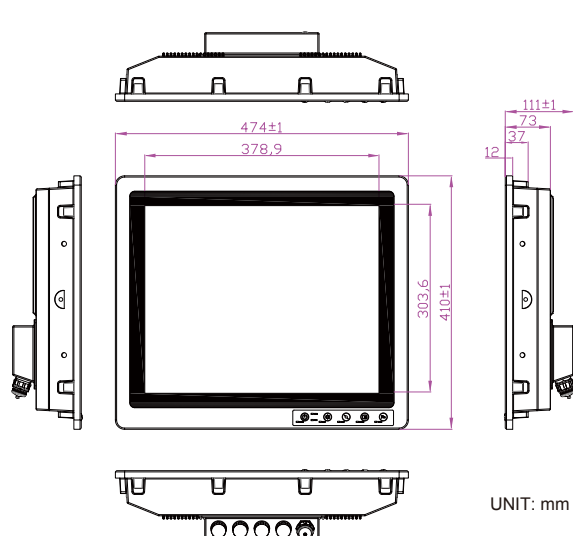
MODEL : R19IK3S-67FTP(HB)

Mechanical Design

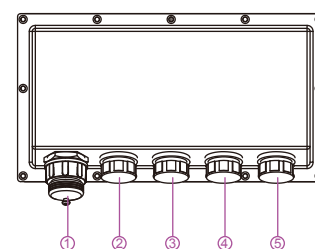
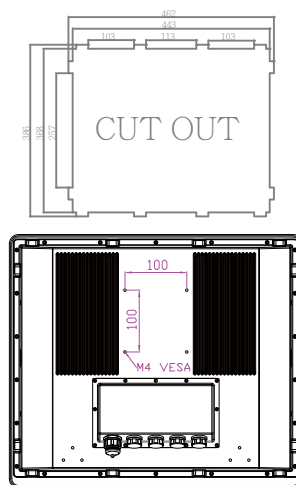


## Features

- Totally sealed Full IP67 Design
- High performance / low power 7<sup>th</sup> Generation (kaby Lake) Intel® Core i5-7200U 2.5GHz (turbo to 3.1GHz)
- 19-inch sunlight viewable 400 nits LCD panel (Optional for 1000 nits High Brightness)
- -10 to 60°C operating temperature
- Fanless, streamlined enclosure for highly efficient heat dissipation
- Touch screen control button to enable/disable touch screen interface
- Rugged Front Anti-Impact Design
- Front controll membrane keys Lockable by software
- Optical Bonding with Panel & Touch Screen to increase the clarity and transperence



UNIT: mm



1. 1 x IP67 USB 2.0 A Type with cover
2. 1 x IP67 LAN with RJ45 Connector
3. 1 x IP67 USB 2.0 Connector
4. 1 x IP67 RS232/422/485
5. 1 x IP67 9~36V DC

\* 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 : 400nits (optional 1000nit High Brightness)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M
- Contrast Ratio : 1000 : 1 (typ.)
- Touch Screen : Projected Capacitive Touch

### Mechanical Specification

- Cooling System : Fanless design
- Dimension(W x H x D) : 474mm x 410mm x 111mm
- Gross Weight : 14.25 kg
- Net Weight : 10.28 kg

### Power Specifications

- Power Input : 9~36V DC input (isolation)

## System Specifications

- Processor : Intel® Core i5-7200U Kaby Lake 2.5GHz (turbo to 3.1GHz)
- BIOS : Insyde BIOS
- System Chipset : Intel® SoC Integrated
- Memory Slot : DDR4-2133 SO-DIMM (Max 16GB)
- Main Storage : 64GB M.2 B Key SATA III SSD (Options up to 512GB)
- Optional Second Storage : 2.5" SATA III SSD 64GB to 512GB

### Environment Considerations

- Operating Temperature : -10°C to 60°C  
Optional wide Temperature -40°C~70°C  
By request
- Operating Humidity : 5 to 95%

### Full IP67 Connectors

- 1 x IP67 USB 2.0 A Type with cover
- 1 x IP67 LAN with RJ45 Connector
- 1 x IP67 USB 2.0 Connector
- 1 x IP67 RS232/422/485
- 1 x IP67 9~36V DC

## Standards and Certifications

- CE
- FCC
- Shock : Compliant with MIL-STD-810G Method 516.6
- Vibration : Compliant with MIL-STD-810G Method 514.6

### Operating System (Optional)

- Windows 10 IoT Enterprise

### Accessories

- 1 x Driver & Manual CD
- 5 x IP67 External Cables (USB / LAN / COM / Power/USB A-type)



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

Revised Date:10-Apr-2019 V1.2

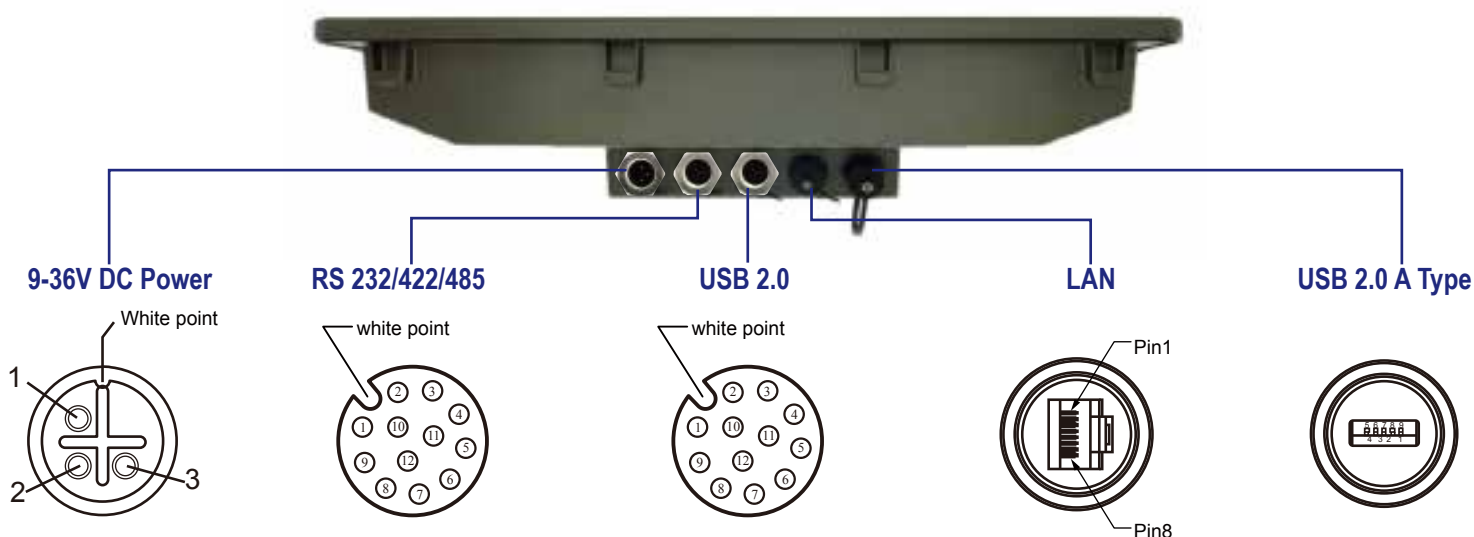
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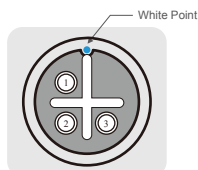
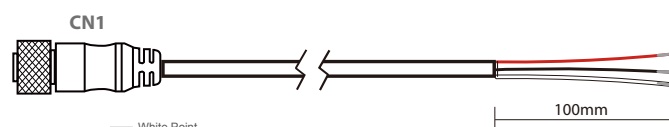
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IO Layout



Pin Definition

## 1. 9-36V DC Power (Standard Cable)

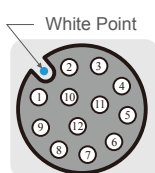
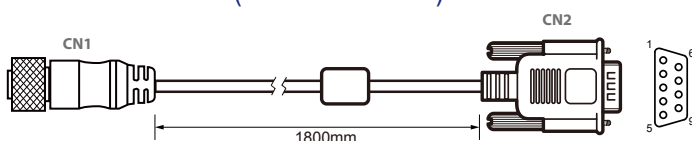


| Pin No. | Symbols | Color |
|---------|---------|-------|
| CN1-1   | VCC+    | Red   |
| CN1-2   | GND     | Black |
| CN1-3   | VCC-    | White |



| Pin No. | Symbols | Color |
|---------|---------|-------|
| CN2-1   | VCC+    | Red   |
| CN2-2   | GND     | Black |
| CN2-3   | VCC-    | White |

## 2. RS 232/422/485 (Standard Cable)

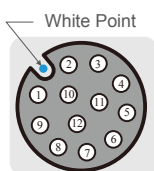
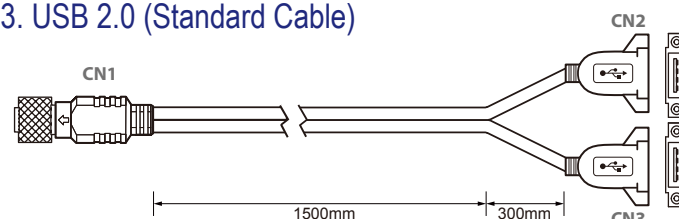


| Pin No. | Symbols  | Color  |
|---------|----------|--------|
| CN1-1   | DCD-CON2 | Green  |
| CN1-6   | DSR-CON2 | Brown  |
| CN1-2   | RXD-CON2 | Red    |
| CN1-7   | RTS-CON2 | Orange |
| CN1-3   | TXD-CON2 | Blue   |
| CN1-8   | CTS-CON2 | White  |
| CN1-4   | DTR-CON2 | Purple |
| CN1-9   | RI-CON2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

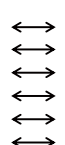


| Pin No. | Symbols  | Color  |
|---------|----------|--------|
| CN2-1   | DCD-CON2 | Green  |
| CN2-2   | DSR-CON2 | Brown  |
| CN2-3   | RXD-CON2 | Red    |
| CN2-4   | RTS-CON2 | Orange |
| CN2-5   | TXD-CON2 | Blue   |
| CN2-6   | CTS-CON2 | White  |
| CN2-7   | DTR-CON2 | Purple |
| CN2-8   | RI-CON2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

## 3. USB 2.0 (Standard Cable)



| Pin No. | Symbols | Color |
|---------|---------|-------|
| CN1-2   | VCC     | RED   |
| CN1-3   | D-      | WHITE |
| CN1-4   | D+      | GREEN |
| CN1-5   | GND     | BLACK |
| CN1-6   | VCC     | RED   |
| CN1-7   | D-      | WHITE |
| CN1-8   | D+      | GREEN |
| CN1-9   | GND     | BLACK |
| CN1-1   | GND     | Braid |



| Pin No. | Symbols | Color |
|---------|---------|-------|
| CN2-1   | VCC     | RED   |
| CN2-2   | D-      | WHITE |
| CN2-3   | D+      | GREEN |
| CN2-4   | GND     | BLACK |
| CN3-1   | VCC     | RED   |
| CN3-2   | D-      | WHITE |
| CN3-3   | D+      | GREEN |
| CN3-4   | GND     | BLACK |

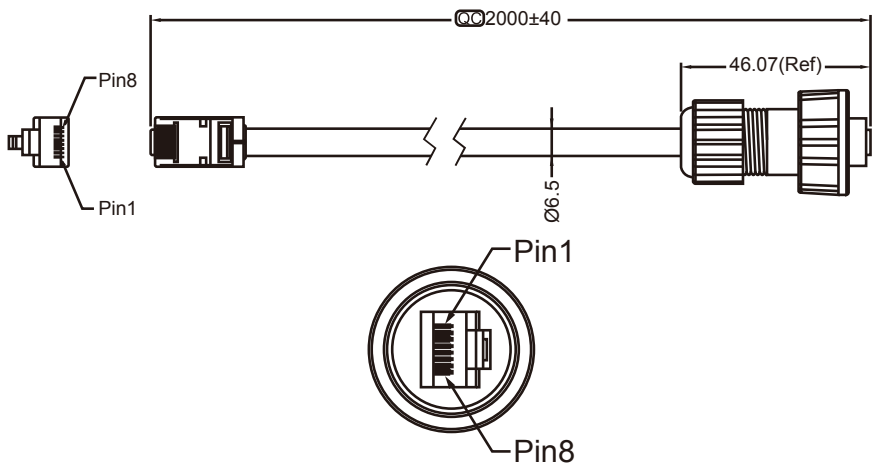
twisted pair

twisted pair

Braid connect to the housing

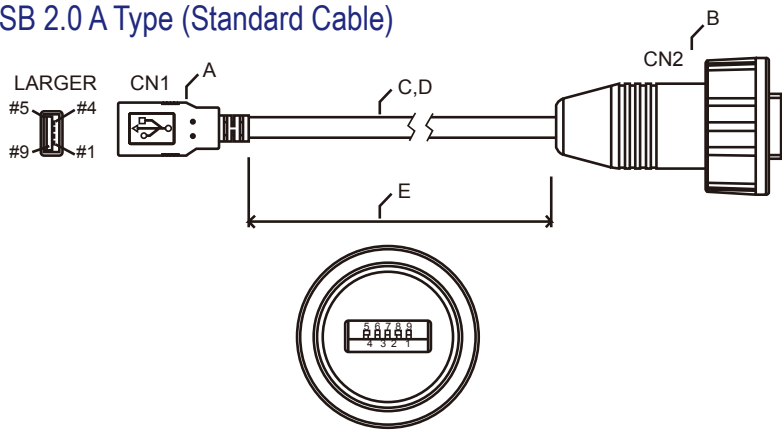
Pin Definition

4. LAN (Standard 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     |       |

5. USB 2.0 A Type (Standard Cable)



| Plug   | Wire Color | Conn. |       |
|--------|------------|-------|-------|
| Red    | 28AWG      | 1     | Twist |
| White  | 28AWG      | 2     |       |
| Green  | 28AWG      | 3     | Twist |
| Black  | 28AWG      | 4     |       |
| Drain  | 28AWG      |       | Twist |
| Blue   | 28AWG      | 5     |       |
| Yellow | 28AWG      | 6     | Twist |
| Drain  | 28AWG      | 7     |       |
| Purple | 28AWG      | 8     | Twist |
| Orange | 28AWG      | 9     |       |

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



## AutoCont IPC a.s.

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

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

 obchod@autocont-ipc.cz

 +420 552 301 002

 [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.