R19IB3S-67FTP(HB)
19" Intel® Celeron® N2930 G-WIN Full IP67 Panel PC

KEY FEATURES

- Totally sealed Full IP67 Panel PC
- High performance / low power Intel® Celeron® N2930 2.16GHz Processor
- Anti-scratch 19inch sunlight viewable 400 nits LCD panel (Optional for 1000 nits High Brightness)
- -10 to 55°C wide 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
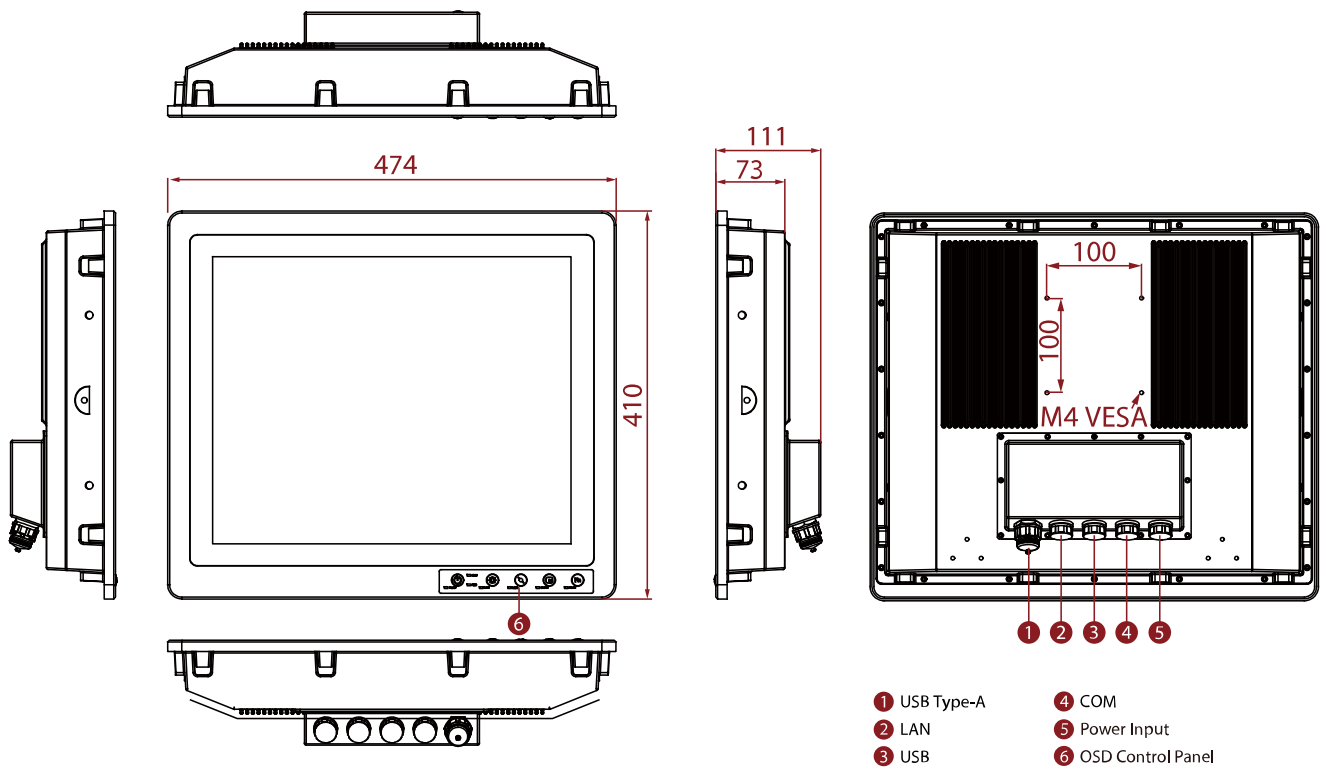- Optical Bonding with Panel & Touch Screen to increase the clanity and transparence

CE FC

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	1280x1024	**Size**	19.0 inches
Contrast Ratio	1000:1	**Panel Brightness**	400 nits 1000 nits(Optional)
View Angles	85,85,80,80	**Active Area**	376.32x301.06 mm
Touch / Glass	Projected Capacitive Multi Touch Screen Bonding With Panel	**Optional function**	High brightness Panel for sunlight readable (Optional)

Mechanical

Dimension	474 x 410 x 111 mm	**Weight**	9.8 kg
Mounting	Panel mount VESA Mount	**Enclosure**	Aluminum Housing
Cooling System	Fanless design	**Cut out**	462 x 386 mm

Environment

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

Power Input	1 x M12 waterproof connector for 9~36V DC	**USB Port**	1 x M12 waterproof connector for 2 x USB2.0 1 x Waterproof USB Type-A Connector with cover
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 1 x LED Indicator for heater 1 x LED Indicator for LAN 1 x LED Indicator for lock touch		

Control

Button	1 x Power Button 1 x Brightness up Button 1 x Brightness down Button 1 x Button for locking touch function 1 x Programmable function key

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 Mounting clips VESA screws	**Optional Accessory**	100~240V AC to DC 84W Adapter with power cord (Optional)

DIMENSIONS UNIT:MM

Ref	Label	Ref	Label
❶	USB Type-A	❹	COM
❷	LAN	❺	Power Input
❸	USB	❻	OSD Control Panel

NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Windows 10 operating system requires installing a new version of BIOS and OS image.
3. Windows 7 does not support the TPM 2.0 function.
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.