R15IB3S-VMC3(HB)

15" Intel® Celeron® N2930 G-WIN Vehicle Mount Panel PC

KEY FEATURES

- Intel® Celeron® Bay Trail N2930 1.83GHz Processor Fanless Design
- High Quality 15" Panel, 1024*768 resolution, 300 nits (Optional for 1000 nits)
- Front IP65 Dust/ Water proof design with VESA mount
- Aluminum Housing with Anti-Corrosion Treatments
- Built-in ambient Light sensor Vehicle Mount Panel PC
- WLAN with Antenna (Optional)
- Optional 6-60V DC Input, and Optional for Ignition On/Off delay
- 5 Wire Resistive Touch / Anti-Reflective Protection Glass (Optional)
- 10 ~ 60V DC Isolation Wide Range Power Input. Optional Ignition on/off control function.
- Optional HB/Sunlight Readable up to 1000 nits
- Design to meet EN50155

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)	**WWAN**	WWAN (Optional)

Display

Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)	**Optional function**	High brightness Panel for sunlight readable (Optional)
Resolution	1024x768	**Size**	15.0 inches
Contrast Ratio	2000:1	**Panel Brightness**	300 nits 1000 nits(Optional)
View Angles	88,88,88,88	**Active Area**	304.1x228.1 mm

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

Operating Humidity	10% to 90% RH, Non-Condensing	**Operating Temperature**	-10°C to 55°C
Storage Temperature	-30°C to 70°C	**Shock**	MIL-STD-810G Method 516.6 Procedure I (Optional)
Vibration	MIL-STD-810G Method 514.6 Procedure I	**IP rating**	Front IP65

Certification

Certification	CE, FCC

IO Ports

Power Input	1 x 9~36V DC, 3-Pin Terminal Block	**USB Port**	1 x USB3.2 Gen1x1 (Type-A) 1 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	**Video**	1 x HDMI 1.4 (Optional)
Expansion Port	1 x mPCIe slot(for Wifi module)	**LAN**	2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage	**DIDO**	Terminal block with digital 4 in / 4 out (Either of DIDO/CANBUS)
CANBUS	Terminal block with 2 channel CANBUS (Either of DIDO/CANBUS)		

Control

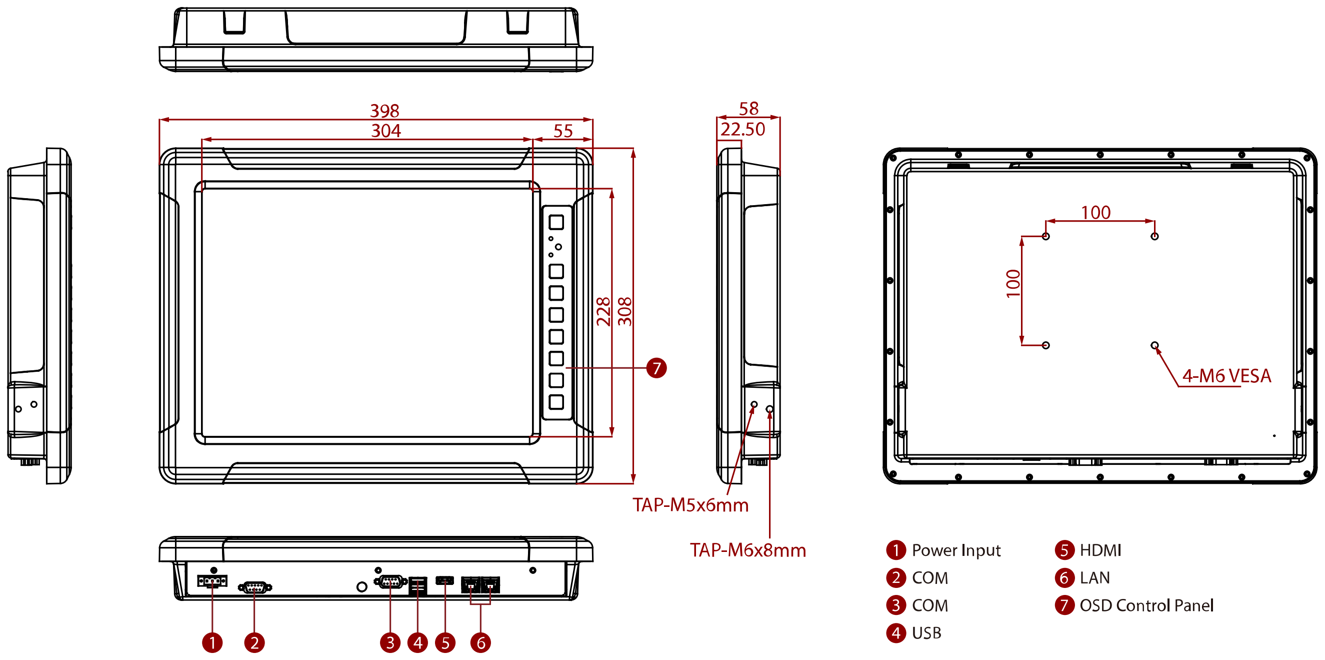
Button	1 x Power Button 1 x Reset Button 1 x Lock / Unlock front key function button 1 x Auto Dimming / Manually button 1 x Day / Night Mode button 1 x Brightness Up button 1 x Brightness Down button 1 x LED indicator brightness adjustment button 1 x Light sensor

Accessory

Accessory	Open Wire Cable with terminal block connector 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.
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. Weight of the device varies by configuration.
5. Please contact our sales representative if you need further product information.
6. All specifications are subject to change without prior notice.
7. 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.