R10IB3S-VMT2(HB)

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

KEY FEATURES

- Intel® Celeron® Bay Trail N2930 1.83 GHz Processor Fanless Design
- High Quality 10.4" Panel, 1024 x 768 resolution
- Front IP65 Dust / Water Proof Enclosures (Except I/O parts)
- Aluminum Housing with Anti-Corrosion Treatments
- Anti-Shock and Vibration Standard according to MIL-STD-810 & IEC60068-2-27
- WLAN with Antenna (Optional)
- 10 ~ 60V DC Isolation Wide Range Power Input. Optional Ignition on/off control function.
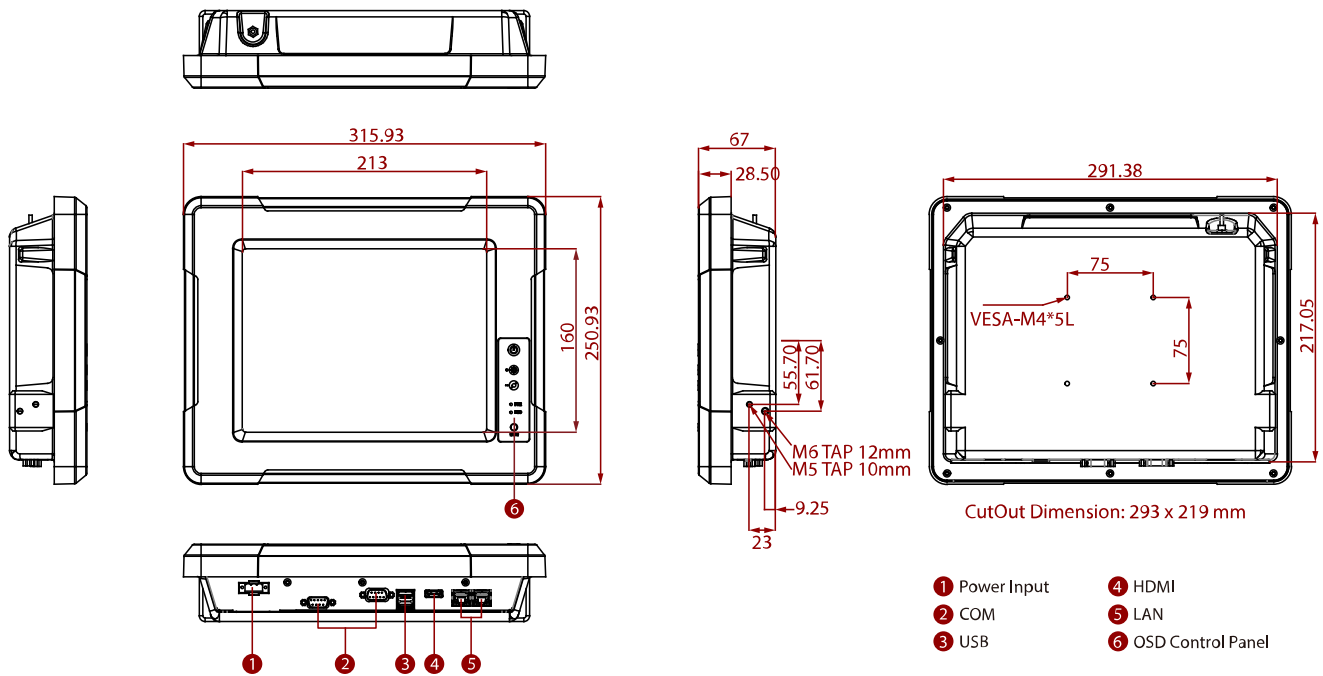- Compliance with EN50155

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**	10.4 inches
Contrast Ratio	1000:1	**Panel Brightness**	350.0 nits
View Angles	88,88,88,88	**Active Area**	210.4x157.8 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)	**Optional function**	High brightness Panel for sunlight readable (Optional)

Mechanical

Dimension	315 x 250 x 67 mm	**Weight**	2.9 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

WINMATE

Power Input	1 x 10~60V 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 Wi-Fi module)	LAN	2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage		
Control			
Button	1 x Power Button 1 x Reset Button 1 x Brightness Up button 1 x Brightness Down button		
Accessory			
Accessory	Open Wire Cable with terminal block connector VESA screws	Optional Accessory	Yoke mount stand (Optional) 100~240V AC to DC Adapter with power cord (Optional)

DIMENSIONS   UNIT:MM

CutOut Dimension: 293 x 219 mm

❶ Power Input		❹ HDMI	
❷ COM		❺ LAN	
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. 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.