

R15IAN3S-VMC3-P(HB)

15" Intel® Processor N100 G-WIN Vehicle Mount Panel PC



KEY FEATURES

- 15" Panel, 1024*768 resolution, 300 nits (Optional for 1000 nits)
- Intel® Processor N100 6M Cache, up to 3.40 GHz
- P-cap multi touch screen
- Optional True Flat 5 Wire Resistive Touch
- Optional Anti-Reflective Protection Glass
- Aluminum Die-Casting Housing with Anti-Corrosion Treatments
- Build in ambient Light sensor
- Front IP65 (Except I/O parts)
- -10 to 55°C wide operating temperature
- Wide Range 9 to 36V DC Input with isolation. Optional for Ignition On/Off delay
- Anti-Shock & Vibration compliant with MIL-STD-810F/G

INTRODUCTION

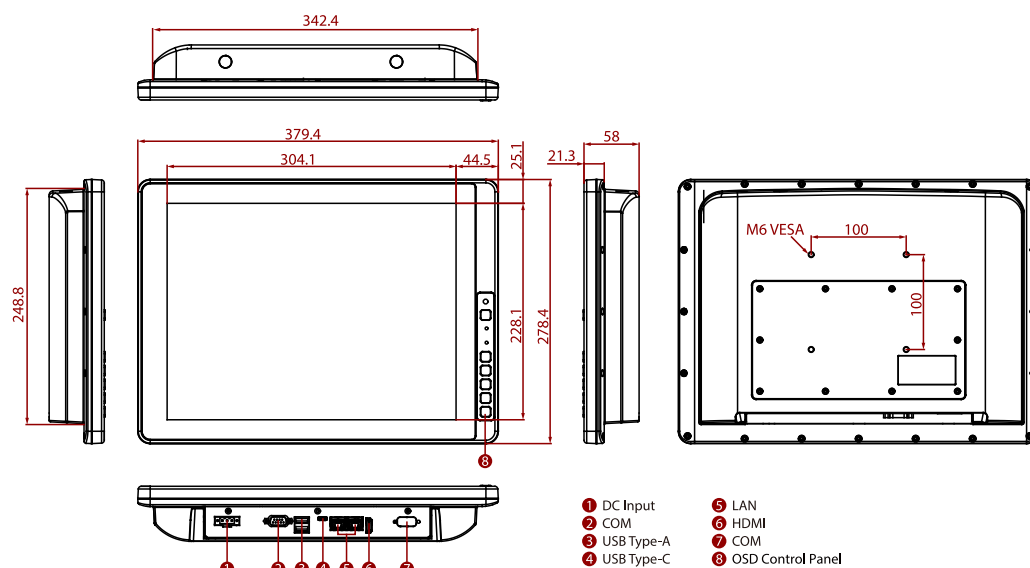
The R15IAN3S-VMC3-P(HB) is a high-performance 15-inch Vehicle Mount Panel PC designed to elevate productivity in warehouse logistics and industrial environments. Powered by the efficient Intel® Processor N100 (Alder Lake-N). Engineered for harsh conditions, the device features a rugged aluminum die-casting housing with anti-corrosion treatment and complies with MIL-STD-810F/G standards for shock and vibration resistance. With standard P-Cap multi-touch and optical bonding technology, the R15IAN3S-VMC3-P(HB) ensures superior screen clarity and durability, making it the ideal solution for forklift terminals and heavy-duty industrial applications.

SPECIFICATIONS

System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Processor N100 6M Cache, up to 3.40 GHz	Memory	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional)
Storage	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional)	Ethernet controller	2 x Intel® 2.5 Gigabit Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 24.04(Do not support Wake on Touch) (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		Projected Capacitive Multi Touch Screen	
Mechanical			
Dimension	379.4 x 278.4 x 58 mm	Weight	3.8 kg
Mounting	VESA 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	2 x USB3.2 Gen1x1 (Type-A) 1 x USB 3.2 Gen 2x1 Type C connector,support DP Alt. mode
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x HDMI 2.0b (Optional)
Expansion Port	1 x M.2 2230 E-Key Slot (for Wi-Fi module)	LAN	2 x 2.5 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 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. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. 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.