

R10IAN3S-VMT2(HB)

10.4" Intel® Processor N150 G-WIN Vehicle Mount Panel PC



CE

FC

KEY FEATURES

- Intel® Processor N150 6M Cache, up to 3.40 GHz, Fanless Design
- High Quality 10.4" Panel, 1024 x 768 resolution
- Front IP65 Dust / water resistant Protection (Except I/O parts)
- Aluminum Housing with Anti-Corrosion Treatments
- Anti-Shock and Vibration Standard according to MIL-STD-810H
- 5 Wire Resistive Touchscreen / Anti-Reflection Protection Glass (Optional)
- WLAN with Antenna (Optional)
- 10 ~ 60V DC Isolation Wide Range Power Input. Optional Ignition on/off control function

INTRODUCTION

Winmate R10IAN3S-VMT2(HB) is a 10.4-inch Intel® Processor N150 G-WIN Vehicle Mount Panel PC engineered for warehouse logistics, fleet management, and forklift operations. It combines Intel® Processor N150, 10.4-inch display with 1024x768 resolution, and IP65 to support reliable operation in harsh industrial environments. With MIL-STD-810H, the R10IAN3S-VMT2(HB) helps OEMs, system integrators, and project teams deploy durable, configurable solutions for demanding field, factory, and mission-critical applications.

SPECIFICATIONS

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Processor N150 6M Cache, up to 3.60 GHz	Memory	8GB (Default) 16GB (Optional)
Storage	128GB SSD (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB (Optional) 2TB (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	10.4 inches
Contrast Ratio	1000:1	Panel Brightness	500.0 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 (Default) Yoke mount (Optional)	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
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IO Ports

Power Input	1 x 10~60V 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		

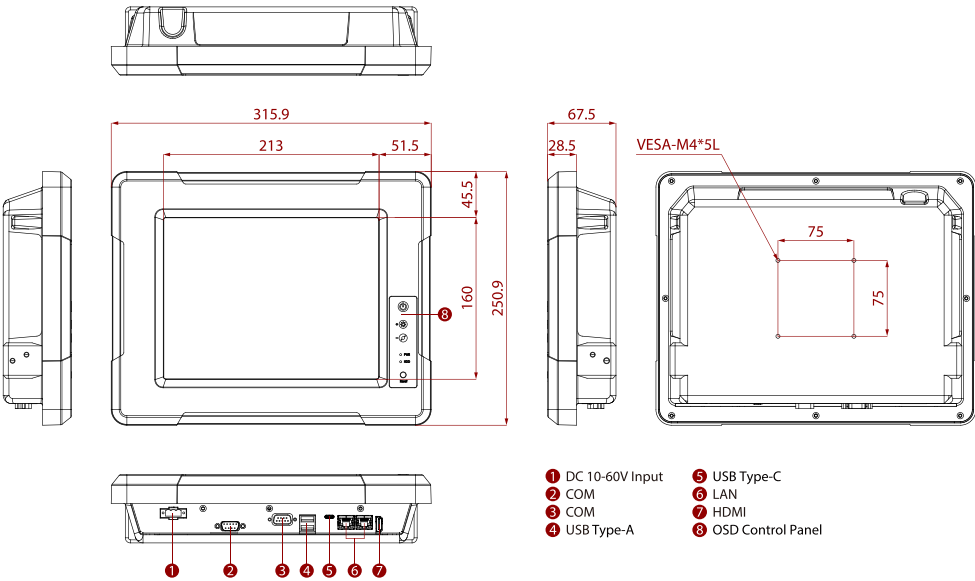
Control

Button	1 x Power Button 1 x Reset Button 1 x Brightness Up button 1 x Brightness Down button
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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)
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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.
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