

R15IAD3S-VMC3(HB)

15" Intel® Core™ i5-1235U G-WIN Vehicle Mount Panel PC



CE

FC

KEY FEATURES

- 15" Panel, 1024 x 768 resolution, 300 nits (Optional for 1000 nits)
- 12th Gen Intel® Core™ i5-1235U processor
- -10 ~ +55°C Wide Range Operating Temperature
- Aluminum housing with anti-corrosion treatments. Fanless Design
- 9 ~ 36V DC Isolation Wide Range Power Input. Optional Ignition on/off control function
- Resistive Touch / Anti-Reflective Protection Glass (Optional)
- Front IP65 (Except I/O parts)
- Anti-Shock & Vibration compliant with MIL-STD-810F/G
- Optional GPS, WWAN/WLAN(Either one). GPIO/Canbus(Either one)

INTRODUCTION

Winmate G-WIN VM Panel PC Series is engineered for vehicle-mounted applications, offering sizes from 8.4" to 15" with durable features tailored for harsh environments. With robust aluminum housing and anti-corrosion treatment, these PCs provide front IP65 protection and comply with MIL-STD-810F/G for shock and vibration resistance. The wide voltage input range (10-60V DC) with optional ignition control ensures compatibility with various vehicle power systems. High-quality resistive touchscreens, optional sunlight-readable displays, and fanless design make them ideal for transportation, logistics, and field operations.

SPECIFICATIONS

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
WWAN	WWAN (Optional)	Processor	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)
Memory	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)	Storage	1 x M.2 2280 M-Key NVMe SSD 256GB 512GB (Optional) 1TB (Optional) 2TB (Optional)
Ethernet controller	2 x Intel® Ethernet Controller	Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (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 (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 9~36V DC, 3-Pin Terminal Block	USB Port	2 x USB3.2 Gen2x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x HDMI 2.0 (Optional)
Expansion Port	1 x M.2 2280 M-Key Slot (for NVME SSD) 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	DIDO	Terminal block with digital 4 in / 4 out (Either of DIDO/CANBUS)
CANBUS	Terminal block with 2 channel CANBUS (Either of DIDO/CANBUS)		

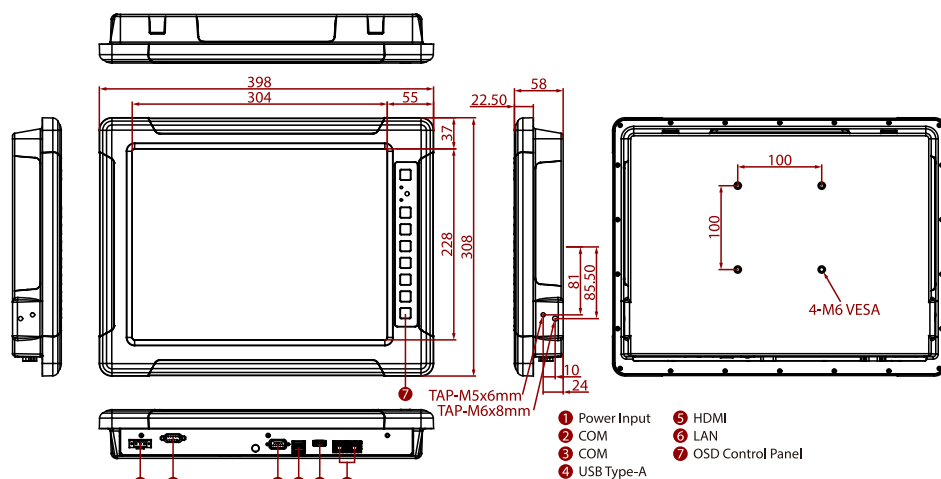
Control

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
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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 120W 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. 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.

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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PRŮMYSLOVÉ POČÍTAČE

fanless embedded PC, do racku, ...



POČÍTAČE S DISPLEJEM

panelové PC, terminály, do vozidel, ...



AUTOMATIZACE A SBĚR DAT

převodníky, karty, moduly, switche, ...



PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



INFORMAČNÍ KIOSKY

interiérové, venkovní, ...



MEDICÍNSKÁ TECHNIKA

počítače, tablety, LCD, klávesnice, ...



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pro výrobu, zaměstnance, kiosky, ...



PŘEJÍT DO E-SHOPU

eshop.autocont-ipc.cz



DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.