

R10IW3S-VMT2(HB)

10.4" Intel® Core™ i5-8265U G-WIN Vehicle Mount Panel PC



CE

FC

KEY FEATURES

- 8th Generation (Whiskey Lake) Intel® Core™ i5-8265U 1.6GHz (turbo to 3.9GHz)
- 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
- 5 Wire Resistive/ Anti-Reflective Protection Glass
- Optional GPS, WWAN/ WLAN (Either One). GPIO/ Canbus (Either One)
- Wide Range 9 to 36V DC Input with isolation
- Optional 6-60 V DC Input, and Optional for Ignition On/Off delay
- Compliance with EN50155 for EMC & Characteristic

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)
Processor	Intel Core i5 -8265U 1.6GHz (up to 3.9GHz)	Memory	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 2242 B-key SSD 128GB 256GB (Optional) 512GB (Optional) 1 x M.2 2280 M-Key NVME SSD 128GB (Optional) 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)

Display

Resolution	1024x768	Size	10.4 inches
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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	-25°C to 55°C
Storage Temperature	-30°C to 70°C	Shock	30g for 18ms, 300m/s ²
Vibration	1.60/1.96/2.18 g rms for XYZ / 5-500Hz	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 Gen1x1 (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 M.2 2280/2242 M-Key Slot (for NVME SSD or SATA III SSD) 1 x M.2 2230 E-KeySlot (for Wi-Fi Module)	LAN	2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage		

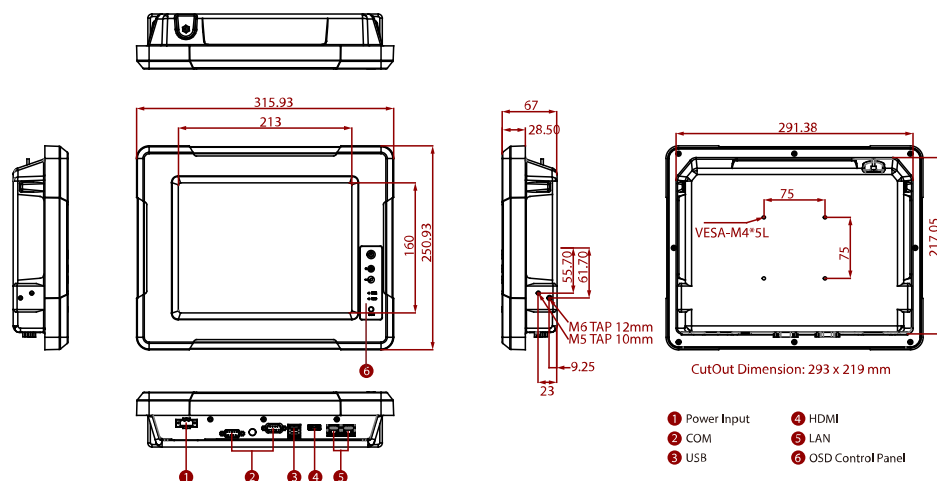
Control

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



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převodníky, karty, moduly, switche, ...



PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



INFORMAČNÍ KIOSKY

interiérové, venkovní, ...



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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.