R08IE3S-VMU1

8.4" Intel® Celeron® N6211 G-WIN Vehicle Mount Panel PC

KEY FEATURES

- Intel® Celeron® N6211 Processor 1.5M Cache, up to 2.60 GHz, Fanless Design
- High Quality 8.4" Panel, 800 x 600 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-810F/G
- 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.
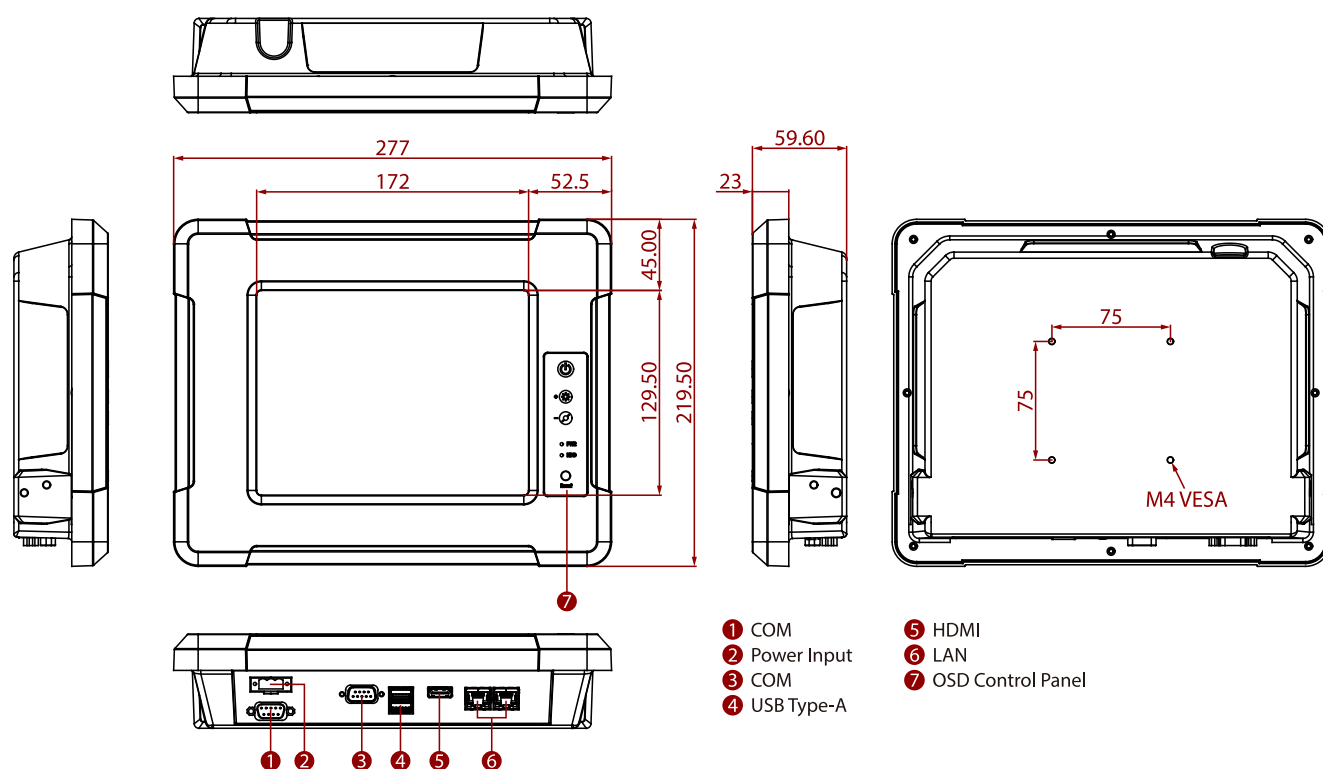- Design to meet EN50155

CE FC

SPECIFICATIONS

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Celeron® N6211 (up to 3.0GHz) Intel® Celeron® N6210 (up to 2.6GHz) (Optional)	Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 B-key SSD 128GB M.2 2242 B-key SSD up to 512GB (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) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)

Display

Resolution	800x600	Size	8.4 inches
Contrast Ratio	600:1	Panel Brightness	600.0 nits
View Angles	75,75,60,70	Active Area	170.4x127.8 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		

Mechanical

Dimension	277 x 219.5 x 59.6 mm	Weight	2.2 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

WINMATE

Certification	CE, FCC		

IO Ports

Power Input	1 x 10~60V 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	2 x M.2 slot(1 for WiFi, 1 for SSD)	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

❶ COM
❷ Power Input
❸ COM
❹ USB Type-A
❺ HDMI
❻ LAN
❼ 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. Please contact our sales representative if you need further product information.
5. All specifications are subject to change without prior notice.
6. 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.