R06IE3S-OFA1
6.5" Intel® Celeron® N6211 Open Frame Panel PC

KEY FEATURES

- 6.5" TFT SVGA LCD
- Intel® Celeron® Elkhart Lake N6211 Processor
- 1 x SO-DIMM, max. 16GB DDR4
- 2 x Gigabit Ethernet
- Supports 2 x SATA III, 4 x COM, 2 x USB 3.2 Gen 2x1, 4 x USB 2.0
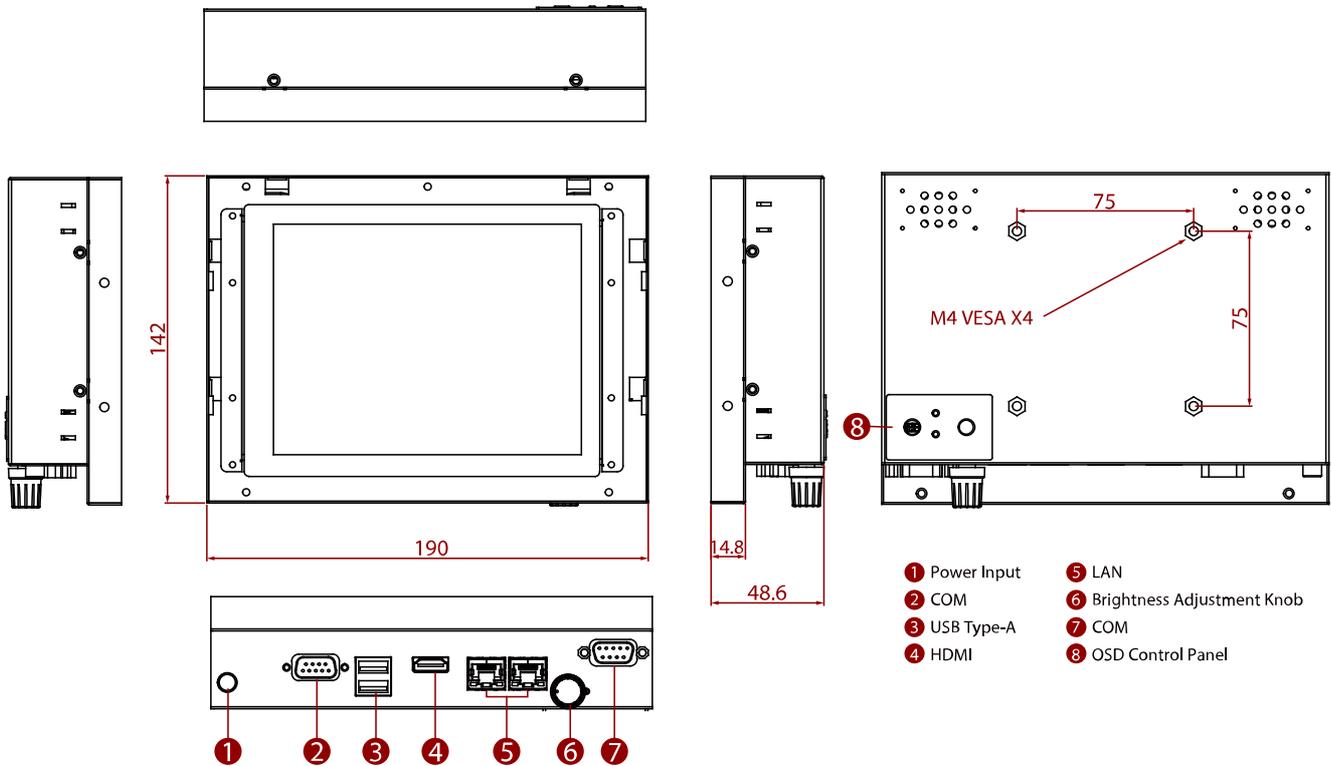
CE FC

SPECIFICATIONS

Display

Resolution	640x480	**Size**	6.5 inches
Contrast Ratio	600:1	**Panel Brightness**	700.0 nits
View Angles	80,80,70,70	**Active Area**	132.48x99.36 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		

System Specification

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) 1 x SATA III for 2.5" SSD/HDD up to 1TB (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)

Mechanical

Dimension	190 x 142 x 48.6 mm	**Weight**	1.1 kg
Mounting	Open Frame Panel Mount VESA Mount	**Enclosure**	Metal Housing
Cooling System	Fanless design		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	**Operating Temperature**	0°C to 50°C
Storage Temperature	-10°C to 60°C		

Certification

Certification	CE, FCC

IO Ports

Power Input	1 x 12V DC, 2.5φ DC jack	**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)

Audio	2 x Speaker	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
Brightness Knob	1 x Brightness Adjustment Knob		

Control

Button	1 x Power Button 1 x Reset Button

Accessory

Accessory	100~240V AC to DC Adapter Power Cord VESA screws

Power

Power Rating	12V DC	Adapter	12V 50W

DIMENSIONS UNIT:MM

142

190

75

75

M4 VESA X4

14.8

48.6

❶ Power Input   ❺ LAN
❷ COM   ❻ Brightness Adjustment Knob
❸ USB Type-A   ❼ COM
❹ HDMI   ❽ OSD Control Panel

❶ ❷ ❸ ❹ ❺ ❻ ❼

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.