

R12IE3S-IPM2WT

12.1" Wide Temperature Panel PC with Intel® Celeron® N6211, Front IP65



KEY FEATURES

- 12.1" TFT LCD Wide Temperature Panel PC
- 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
- Front IP65

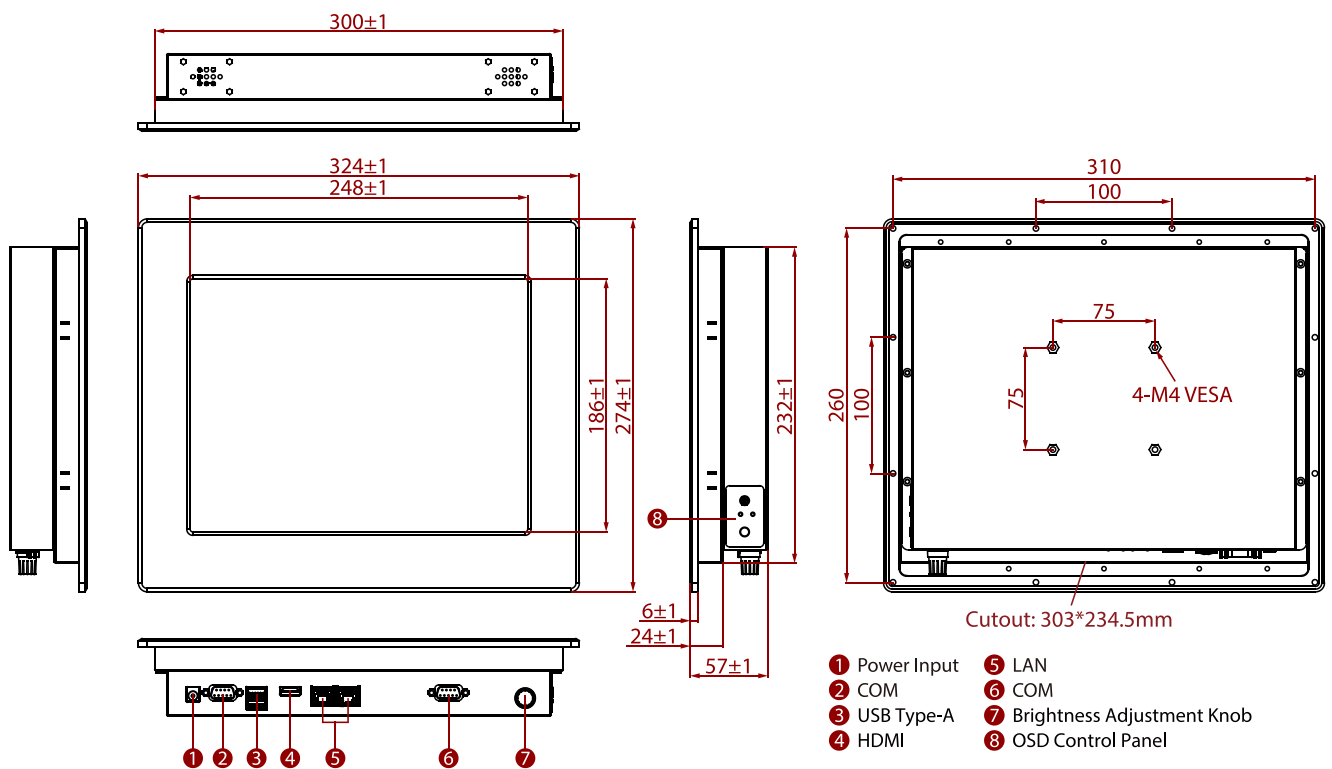


SPECIFICATIONS

| Display | | | |
|----------------------------|---|------------------------------|---|
| Resolution | 1024x768 | Size | 12.1 inches |
| Contrast Ratio | 1000:1 | Panel Brightness | 500.0 nits |
| View Angles | 89,89,89,89 | Active Area | 245.76x184.32 mm |
| Touch / Glass | Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional) | | |
| System Specification | | | |
| Processor | Intel® Celeron® N6211 (up to 2.6GHz) Intel® Celeron® N6210 (up to 3.0GHz) (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 | 324 x 274 x 57 mm | Mounting | Panel mount VESA Mount |
| Enclosure | Metal Housing | Cooling System | Fanless design |
| Cut out | 303 x 234.5mm | | |
| Environment | | | |
| Operating Humidity | 30% to 90% RH, Non-Condensing | Operating Temperature | -20°C to 60°C |
| Storage Temperature | -30°C to 70°C | IP rating | Front IP65 |
| 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 Mounting clips | | |
| Power | | | |
| Power Rating | 12V DC | Adapter | 12V 50W |

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.