

R12IE3S-MRM2FP

12.1" Intel® Pentium® N6415 Marine Dashboard Panel PC



KEY FEATURES

- Intel® Elkhart Lake Pentium® N6415 processor dashboard panel PC
- 12.1" 1024 x 768 wide viewing angle with PCAP touch
- 9~36V DC Power input acceptable



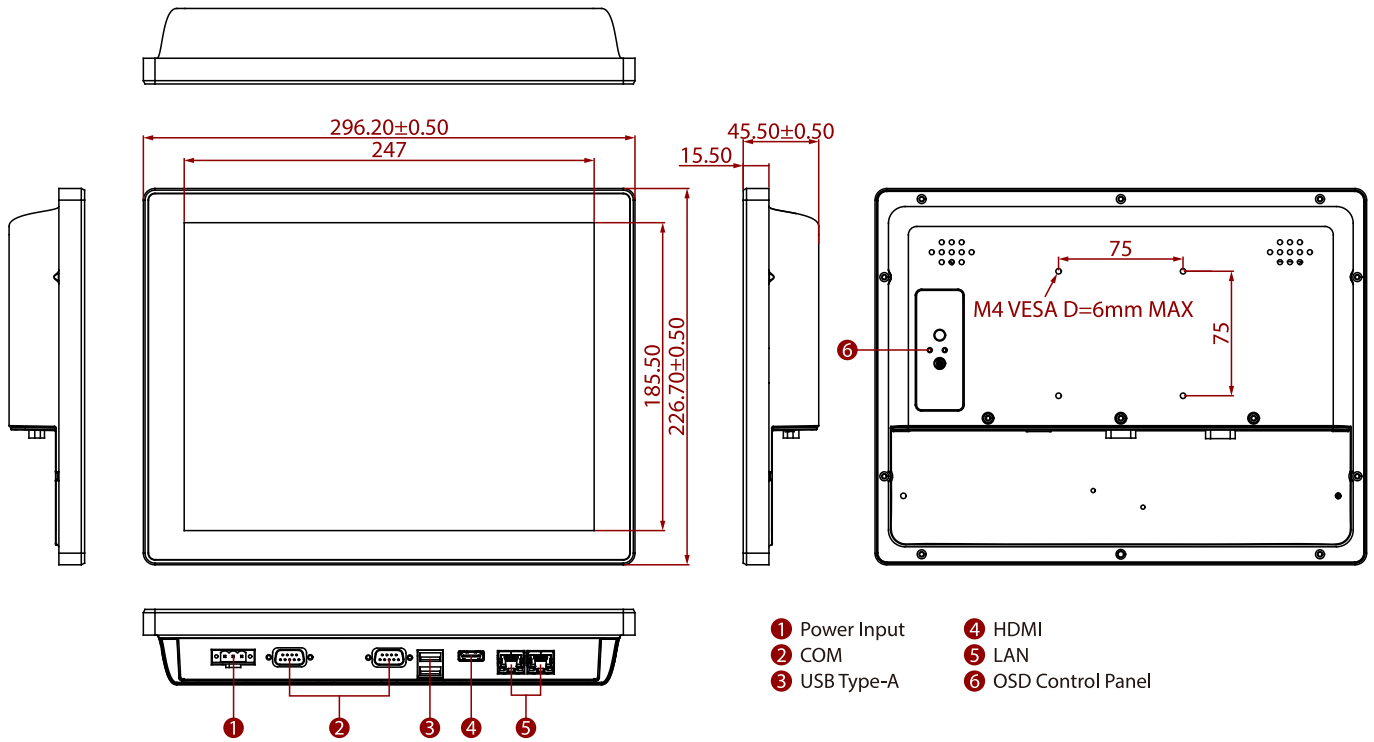
SPECIFICATIONS

| Display | | | |
|----------------------|---|-----------------------|--|
| Touch / Glass | Projected Capacitive Multi Touch Screen | Resolution | 1024x768 |
| Size | 12.1 inches | Contrast Ratio | 1000:1 |
| Panel Brightness | 500 nits 1000 nits(Optional) | View Angles | 89,89,89,89 |
| Active Area | 245.76x184.32 mm | | |
| System Specification | | | |
| Processor | Intel®Pentium® N6415 (1.5M Cache, up to 3.0GHz) | Memory | 1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) |
| Storage | 1 x M.2 2242 B-key SSD 256GB 512GB (Optional) | Ethernet controller | 2 x 2.5 Giga LAN RJ45 Connector |
| Security | TPM 2.0 | Operating System | Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) |
| Environment | | | |
| Operating Humidity | 5% to 95% | Operating Temperature | -15~55°C |
| Shock | 15G,11ms duration | IP rating | IP66 (Front Side) |
| Certification | | | |
| Certification | CE, FCC | | |
| IO Ports | | | |
| USB Port | 2 x USB.3.2 Gen1x1 (Type-A) | Serial Port | 2 x RS232(Default)/422/485 |
| Video | 1 x HDMI 2.0 (Optional) | LAN | 2 x RJ45-10/100/1000 Mbps |
| Mechanical | | | |
| Dimension | 296.2 x 226.7 x 45.5 mm | Weight | 2.3 kg |
| Mounting | VESA Mount | Enclosure | Metal |
| Cooling System | Fanless Design | | |
| Accessory | | | |
| Accessory | Driver CD & User Manual AC to DC Adapter 12V/ 50W Power Cord 3 pin Terminal Block to DC Jack | | |

Power

Power Rating 24V DC-in with Isolation (Approval by Certificate)
9~36V DC Input Acceptable

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.