

# W10IE3S-MRH2FP

10.1” Intel® Pentium® N6415 Marine Dashboard Panel PC



### KEY FEATURES

- Intel® Elkhart Lake Pentium® N6415 processor dashboard panel PC
- 10.1” 1280 x 800 wide viewing angle with PCAP touch
- 9~36V DC Power input acceptable

### INTRODUCTION

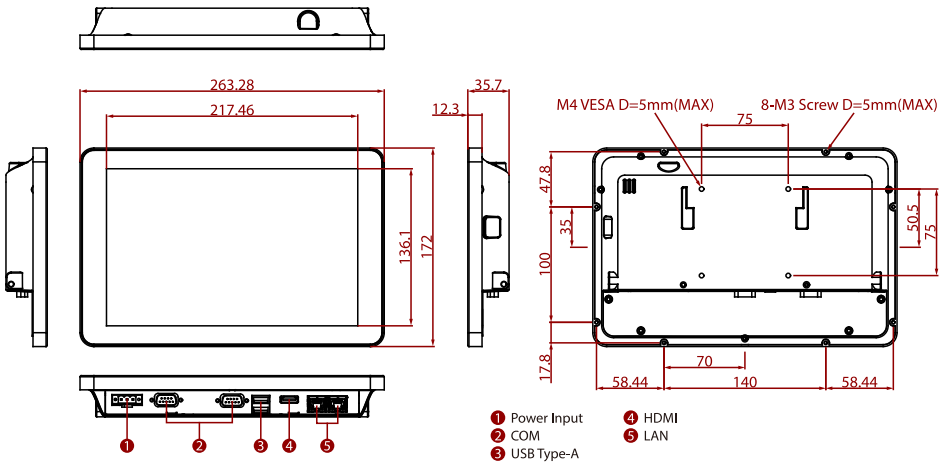
Winmate Marine Dashboard Panel PC Series combines durability and performance for maritime applications, offering sizes from 10.1" to 14.9". Featuring Intel® Elkhart Lake Pentium® processors, wide viewing angle displays, and PCAP touch technology, these panel PCs ensure precise operation and optimal visibility. With a robust 9~36V DC power input, they are built to withstand harsh marine environments. Ideal for navigation and control systems, this series delivers reliability and efficiency for demanding marine operations.

### SPECIFICATIONS

| Display              |                                                  |                       |                                                                                                     |
|----------------------|--------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------|
| Resolution           | 1280x800                                         | Size                  | 10.1 inches                                                                                         |
| Contrast Ratio       | 800:1                                            | Panel Brightness      | 350.0 nits                                                                                          |
| View Angles          | 85,85,85,85                                      | Active Area           | 216.96x135.6 mm                                                                                     |
| Touch / Glass        | Projected Capacitive Multi Touch Screen          |                       |                                                                                                     |
| System Specification |                                                  |                       |                                                                                                     |
| Processor            | Intel®Pentium® N6415 (1.5M Cache, up to 3.0GHz)  | Memory                | 1 x SO-DIMM, DDR4 3200 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)                                |
| Storage              | 1 x M.2 2242 B-key SSD 256GB<br>512GB (Optional) | Ethernet controller   | 2 x 2.5 Giga LAN RJ45 Connector                                                                     |
| Security             | TPM 2.0                                          | Operating System      | Windows 11 IoT Enterprise LTSC (64 bit) (Optional)<br>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 USB3.2 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      | 263.28 x 172 x 35.7mm                                                                                 | Weight    | 3 kg  |
| Mounting       | VESA mount/Panel mount                                                                                | Enclosure | Metal |
| Cooling System | Fanless Design                                                                                        |           |       |
| Power          |                                                                                                       |           |       |
| Power Rating   | 9V~36V DC In Terminal Block                                                                           |           |       |
| Accessory      |                                                                                                       |           |       |
| Accessory      | Driver CD & User Manual<br>AC to DC Adapter 12V/ 50W<br>Power Cord<br>3 pin Terminal Block to DC Jack |           |       |

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.