

# W15IM3S-ELA2

## 15.6" ARM A53 EL Series HMI Panel PC



### KEY FEATURES

- Features a 15.6" display with a 1366 x 768 resolution and a P-Cap multi-touch screen for interactive use.
- Equipped with a MediaTek ARM A53 Quad-Core 2.0GHz CPU for enhanced processing power.
- Android 11 improves security, usability, and performance
- Features include 1 x USB, 1 x Micro USB, 1 x RS485, and 1 x RJ45 (LAN) for versatile connectivity options.
- Supports Android or Linux operating systems for flexible software options

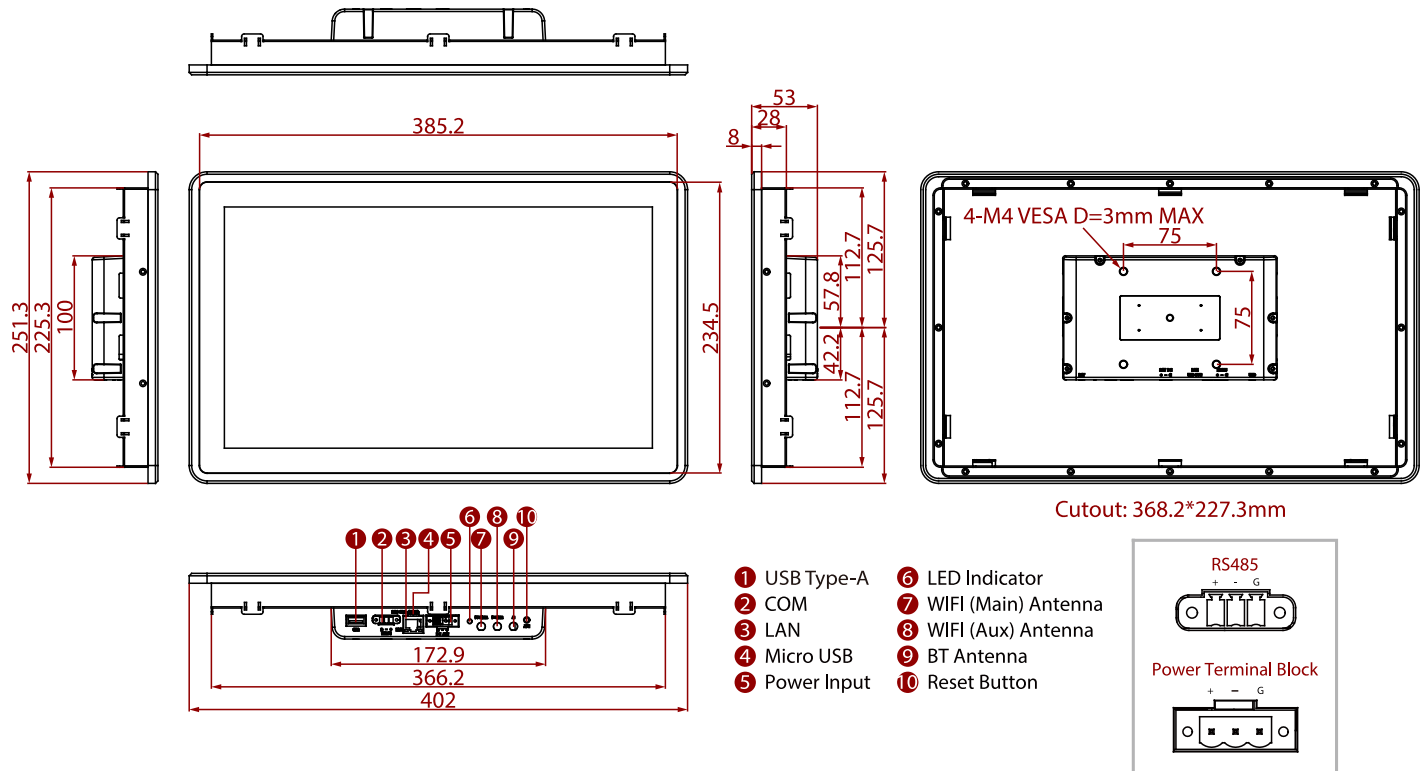


### SPECIFICATIONS

| Display              |  |                       |  |
|----------------------|--|-----------------------|--|
| Resolution           | 1366x768   | Size                  | 15.6 inches  |
| Contrast Ratio       | 500:1  | Panel Brightness      | 400.0 nits   |
| View Angles          | 85,85,80,80  | Active Area           | 344.232x195.536 mm   |
| Touch / Glass        | Projected Capacitive Multi Touch Screen  |                       |  |
| System Specification |  |                       |  |
| Processor            | ARM A53 (Quad Core 2.0GHz)   | Memory                | 4GB LPDDR4   |
| Storage              | eMMC: Onboard 32 GB  | Operating System      | Android 11 (Upgradeable to Android 13)<br>Linux Yocto 5.10.104 with QT 5.15 (Optional)<br>Linux Ubuntu Server 22.04 (Optional) |
| WLAN                 | Support (Optional)   | BT                    | Support (Optional)   |
| Graphic Card         | nan  |                       |  |
| Mechanical           |  |                       |  |
| Dimension            | 402 x 251.3 x 53 mm  | Weight                | 3.1 kg   |
| Mounting             | Panel mount<br>VESA mount (Optional)   | Enclosure             | Metal Housing  |
| Cooling System       | Fanless Design   | Cut out               | 368.2 x 227.3 mm   |
| Environment          |  |                       |  |
| Operating Humidity   | 10% to 90% RH, Non-Condensing  | Operating Temperature | -20°C to 50°C  |
| Storage Temperature  | -25°C to 70°C  | IP rating             | Front IP65   |
| Certification        |  |                       |  |
| Certification        | CE, FCC  |                       |  |
| IO Ports             |  |                       |  |
| USB Port             | 1 x USB 2.0 Type A<br>1 x Micro USB 2.0 OTG                                    | Serial Port           | 1 x RS485, 3pin Terminal block   |
| LAN                  | 1 x LAN RJ45 Connector   | Indicator             | 1 x LED Indicator for storage  |
| Accessory            |  |                       |  |
| Accessory            | Open Wire Cable with terminal block connector<br>Mounting clips<br>VESA screws | Optional Accessory    | 100~240V AC to DC Adapter<br>Power Cord<br>Terminal Block to 2.5Ø Female Adapter Cable   |

**Power****Power Rating** 12V~24V with 3Pin Terminal Block**Adapter**

12V 36W (Optional)

**Control****Button** 1 x Reset Button**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.