

FM10E

10.4inch Windows Vehicle Mounted Computer with Intel® Elkhart lake x6425E



KEY FEATURES

- Intel® Elkhart lake x6425E Processor, Windows Vehicle Mounted Computer
- 10.4" 1024 x 768 Panel with PCAP touch screen
- Field replaceable front panel to reduce service costs
- IP65 waterproof and dustproof
- Wide range operating temperature



SPECIFICATIONS

| Display | | | |
|----------------------|--|-----------------------|---|
| Resolution | 1024x768 | Size | 10.4 inches |
| Contrast Ratio | 1200:1 | Panel Brightness | 400 nits 800 nits(Optional) |
| View Angles | 88,88,88,88 | Type | Projected Capacitive Multi Touch |
| Touch Mode | With Stylus Support With Gloves Support | | |
| System Specification | | | |
| Processor | Intel Elkhart Lake x6425E Processor , 2.0 GHz | Memory | 4GB SODIMM DDR4-3200 8GB SODIMM DDR4-3200 (Optional) |
| Storage | 128GB M.2 SSD 256GB M.2 SSD (Optional) | Operating System | Windows 10 IoT Enterprise |
| WLAN | 802.11 a/b/g/n/ac mode | BT | BT Support |
| WWAN | 4G/LTE (Optional) | GNSS | GPS/AGPS |
| Sensors | G-Sensor, Light Sensor ,Temp Sensor | | |
| Camera | | | |
| Front Camera | 2MP Camera | | |
| Environment | | | |
| Operating Humidity | 5% to 90% RH, Non-Condensing | Operating Temperature | -30°C to 50°C |
| Storage Temperature | -30°C to 60°C | Shock | MIL-STD-810G Method 516.6 Procedure I, 30 g for 18 ms |
| Vibration | MIL-STD-810G Method 514.6 Procedure I | IP rating | IP65 Certified, Waterproof and Dustproof |
| Impact | Support EN62262 IK07 Rating | ESD | Compliant with EN 61000-4-2, enhanced ESD to ±12kV direct & ±15kV air |
| Certification | | | |
| Certification | CE, FCC, UL60950-1, EN60950-1, PTCRB, FCC (Electromagnetic Emissions), IC (ICES-003) | | |
| Control | | | |
| Button | 1 x Power Button, 6 x Function Button (Programmable Function Key Configured by Winset) | | |
| IO Ports | | | |

| | | | |
|---------------------|---|----------------------|-------------------------------------|
| USB Port | 1 x USB Type-C(Tablet) 1 x DB9 Connector for 2 x USB 2.0 Port(Docking) | Serial Port | 2 x COM Port(Docking) |
| SD Card Slot | 1 x Micro SD Card Slot(Tablet) | SIM Card Slot | 1 x Dual-Nano SIM Card Slot(Tablet) |
| Audio | 2 x Speaker(Docking) 1 x CANBus or 1 x Audio(Docking) | LAN | 1 x Gigabit LAN port(Docking) |
| Indicator | 4 x LED Indicator (Wi-Fi, BT, UPS battery, HDD, Screen Blanking, Heater) | | |

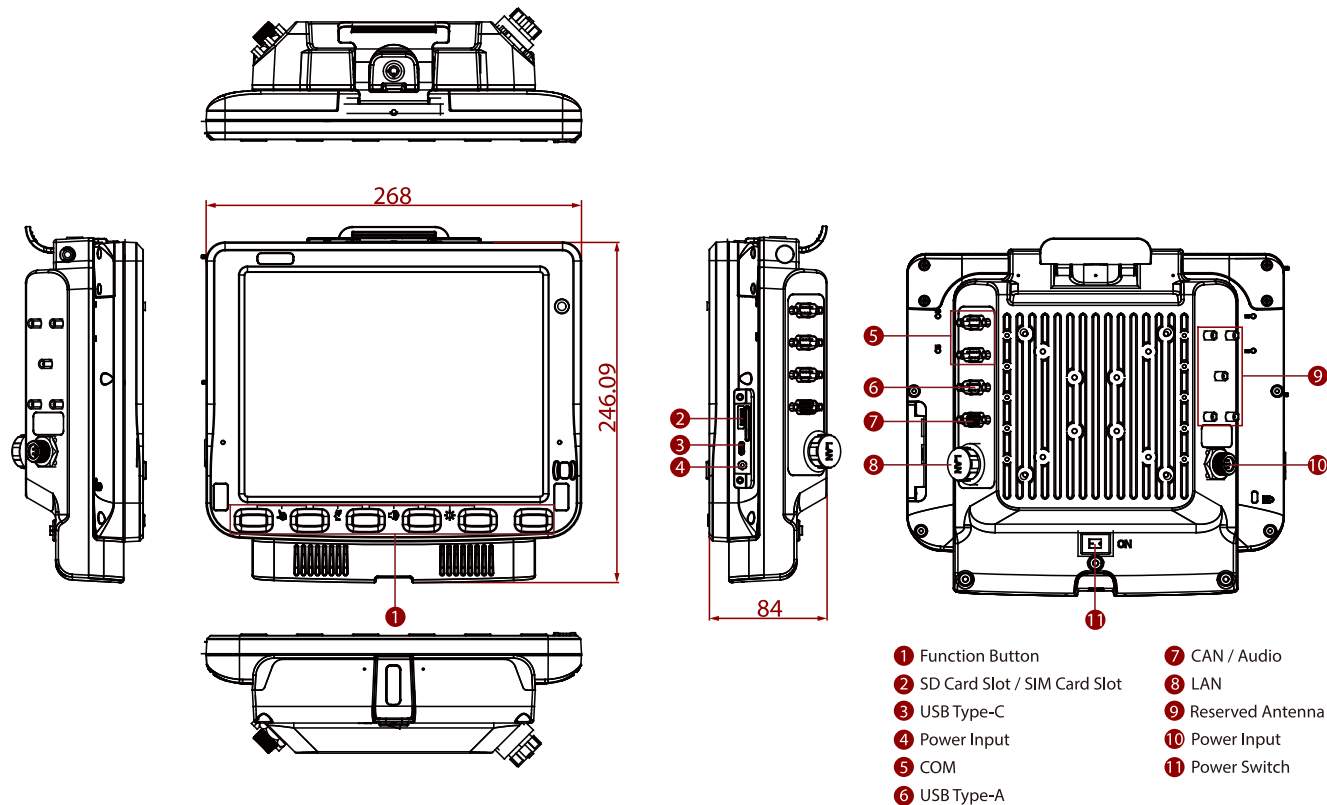
| Mechanical | | | |
|-------------------------|---|-----------------------|---|
| Dimension | Tablet: 268 x 214 x 35 mm (10.6 x 8.42 x 1.37 inches) Docking: 202 x 245 x 52 mm (7.9 x 9.6 x 2.04 inches) | Weight | Tablet 1.7 kg (3.75 lbs) Docking 1.6 kg (3.53 lbs) |
| Mounting | RAM Mount/ VESA Mount | Cooling System | Fanless Design |
| Housing | Magnesium alloy housing | | |
| Security Function | | | |
| SOTI MobiControl | SOTI MobiControl Compliance | | |

| Accessory | | | |
|------------------|--|---------------------------|--|
| Accessory | 5 m Power Cable Fuse Kit cable 0.3 m USB Cable 0.15 m Power Converter Cable Wi-Fi Antenna x 1 Quick Start Guide Driver CD 84W Adapter with Power Cable External Antenna Fixing Bracket | Optional Accessory | 3 m DC Jack Power Cable (Optional) 1.2 M 120 Watt Adapter (For Heater Model) (Optional) 4.2 m Adapter with Power Cable (Optional) 1.8 m RS232 Cable (Optional) 0.3 m Audio Cable (Optional) 1.8 m CAN BUS Y Cable (Optional) 2 m IP65 LAN Cable (Optional) Wi-Fi Antenna x 1 (Optional) 15A, 250V, VDA Type Fuses (Optional) Spare Key for Vehicle Dock (Optional) DC 12C/ 2A Output UHF Fixed Reader (Optional) GPS & LTE 2M Combo Antenna(VM240) (Optional) GPS & LTE 5M Combo Antenna (VM9C) (Optional) GPS & LTE & Wi-Fi Magnetic (Optional) Combo Antenna (VM10S) (Optional) Mounting Kit 1 No Drill (Optional) Mounting Kit 2 Drill (Optional) Mounting Kit 3 Keyboard Mounting (Optional) Stylus Kit + Screw (Optional) |
| Power | | | |
| Battery | 7.6V UPS Battery (2S1P) Minimum 30 minutes | Power Rating | Docking: 10V-60V with ignition control Tablet: 12V DC In |

DIMENSIONS

UNIT:MM

Winmate 10.4" VMC FM10E VMC Vehicle Mounted Computer



NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. SOTI is available upon request.
3. Length measurements do not include protrusions. Weight varies with options.
4. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
5. Accessories may vary depending on your configuration.
6. This is a simplified drawing and some components are not marked in detail.
7. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Mobexx Sales Team for more information.