

W07FA3S-ELT1

7" NXP i.MX6 EL Series HMI Panel PC



KEY FEATURES

- 7" 1024 x 600 Resolution with P-Cap Multi-touch screen
- NXP i.MX6 Dual Core 1GHz
- Fanless cooling system and Ultra-low power consumption
- Front IP65 Water and Dust Proof
- 1 x USB , 1 x USB OTG , 1 x RS485 , 1 x RJ45 / LAN



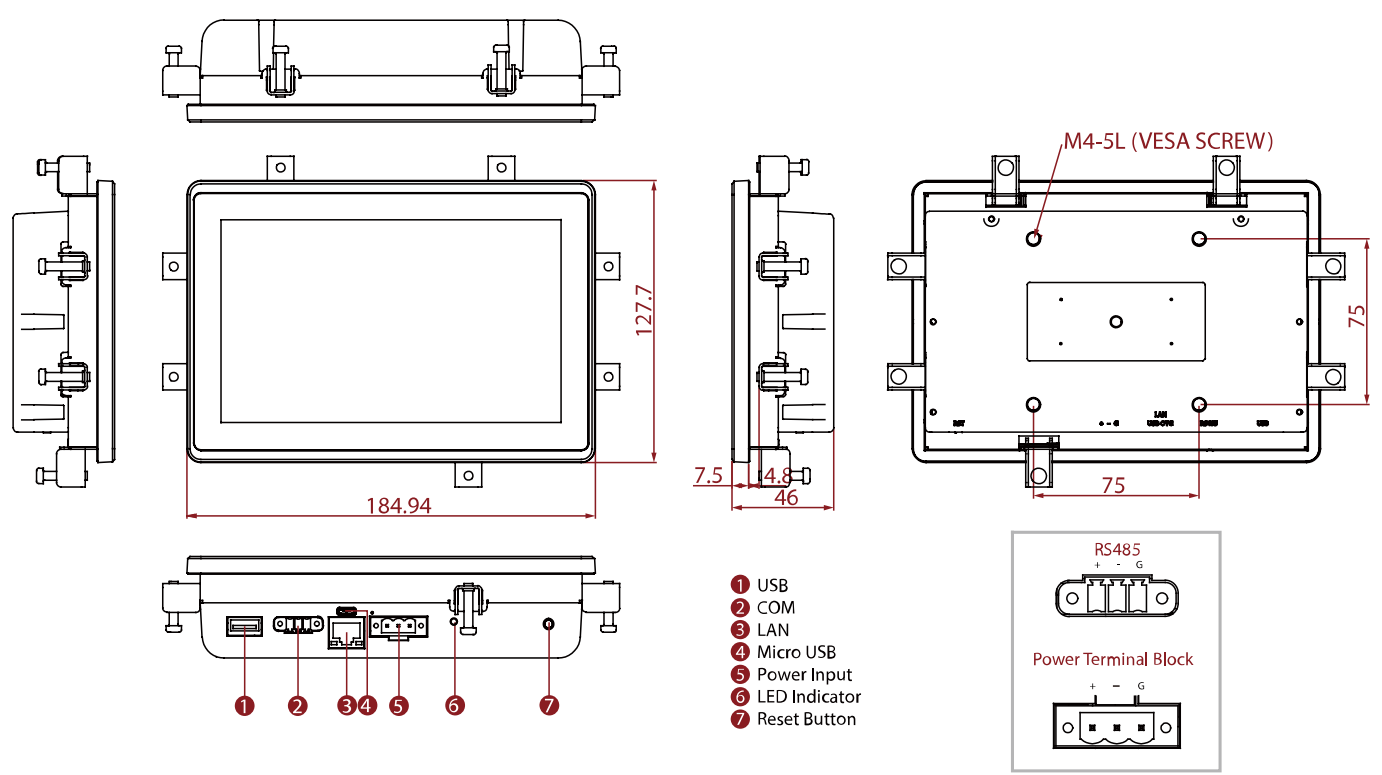
SPECIFICATIONS

| Display | | | |
|----------------------|---|-----------------------|--|
| Resolution | 1024x600 | Size | 7.0 inches |
| Contrast Ratio | 1000:1 | Panel Brightness | 320.0 nits |
| View Angles | 75,75,75,70 | Active Area | 153.6x90 mm |
| Touch / Glass | Projected Capacitive Multi Touch Screen | | |
| System Specification | | | |
| Processor | NXP i.MX6 Dual Core, 1.0GHz | Memory | 1GB 2GB (Optional) |
| Storage | eMMC: Onboard 8 GB | Operating System | Linux Ubuntu 18.04 (Optional) Android 6.0 (Optional) Debian 7.0 (Optional) Linux 4.1.15 QT 5.5 (Optional) |
| Mechanical | | | |
| Dimension | 185 x 128 x 46 mm | Weight | 0.6 kg |
| Mounting | Panel mount VESA Mount | Enclosure | Metal Housing |
| Cooling System | Fanless design | Cut out | 174.08 x 116.9 mm |
| Environment | | | |
| Operating Humidity | 10% to 90% RH, Non-Condensing | Operating Temperature | 0°C to 50°C |
| Storage Temperature | -10°C to 60°C | IP rating | Front IP65 |
| Certification | | | |
| Certification | CE, FCC | | |
| IO Ports | | | |
| Power Input | 1 x 12~24V DC, 3-Pin Terminal Block | USB Port | 1 x USB2.0 (Type-A) 1 x USB OTG |
| Serial Port | 1 x RS485, 3pin Terminal block | LAN | 1 x LAN RJ45 Connector |
| Indicator | 1 x LED Indicator for storage | | |
| Control | | | |
| Button | 1 x Reset Button | | |
| Accessory | | | |

Accessory
 100~240V AC to DC Adapter
 Power Cord
 Terminal Block to 2.5Ø Female Adapter Cable
 Open Wire Cable with terminal block connector
 Mounting clips
 VESA screws

| | | | |
|---------------------|--|----------------|---------|
| Power | | | |
| Power Rating | 12V~24V with isolation, 3-Pin Terminal Block | Adapter | 12V 50W |

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. 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.
3. All specifications are subject to change without prior notice.