

Features

- 10.1" ARM Based HMI
- NXP i.MX8M Plus Quad, 4 x Cortex-A53 processor
- Onboard 4GB LPDDR4 DRAM
- Onboard 16GB eMMC Flash
- Fanless Design
- Flat Front Panel Touch Screen
- DC 24V Power Input

Specifications

| System | |
|-----------------------------------|--|
| Processor | NXP i.MX8M Plus Quad, 4 x Cortex-A53 up to 1.6GHz |
| Memory | Onboard 4GB LPDDR4 SDRAM |
| External IO Port | |
| USB | 1 x USB 3.0/ USB2.0, via Vertical USB type A port 1 x USB Download Mode via Micro USB port |
| Serial Port & CAN Bus | 1 x Pitch 3.5 mm 2 x 5-pin Terminal Block with 1 x RS-232(RX,TX,RTS,CTS)/ 2W RS-485(D+,D-), select via jumper 1 x 2W RS-485(D+,D-) 1 x CAN bus 2.0b (CAN_H,CAN_L) |
| LAN | 2 x GbE LAN *LAN1 Support PoE (optional) |
| Wireless Communication (optional) | 4G LTE WiFi/ Bluetooth |

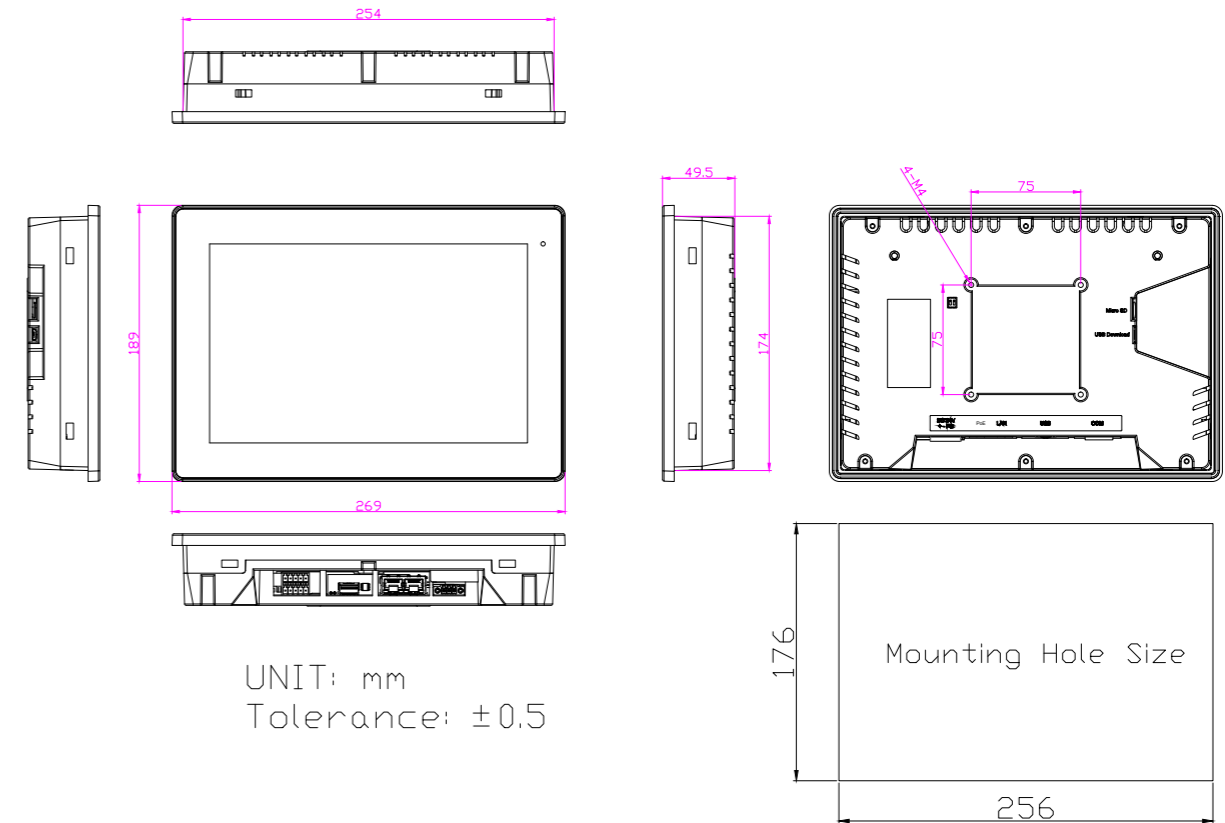
| Storage Space | |
|---------------|--|
| Storage | Onboard 16GB eMMC Flash 1 x Micro SD slot |

| Display | |
|--------------------------------|---------------|
| Display Type | 10.1" TFT-LCD |
| Max. Resolution | 1280 x 800 |
| Max. Color | 262K |
| Luminance (cd/m ²) | 350 |
| View Angle | 170(H)/170(V) |
| Contrast | 500:1 |
| Backlight Lifetime | 30,000 hrs |

| Touch Screen | |
|-----------------------|----------------------------|
| Type | Projected Capacitive Touch |
| Interface | USB |
| Light Transmission(%) | Around 90% |

| Power | |
|----------------------|--|
| Power Input | DC 24V |
| PoE Input (optional) | Support PoE+ (IEEE 802.3AT) Power Device |

Dimensions



| Mechanical | |
|--------------|----------------------------|
| Construction | Engineering Plastic |
| Mounting | Panel Mount, VESA 75 x 75 |
| IP Rating | IP65 Compliant Front Bezel |
| Dimensions | 269 x 189 x 49.5 mm |
| Net Weight | 0.9 kg |

| Environmental | |
|-----------------------|---|
| Operating Temperature | 0~50°C/ -20~60°C (option) |
| Storage Temperature | -30~70°C |
| Humidity | 10 to 95% @ 40°C, non- condensing |
| Vibration | 1G/ 5~500Hz (Random) / operation |
| Shock | 15G Peak Acceleration (11 msec. duration) / operation |
| Certificate | CE/FCC Class A, UKCA, RoHS 2.0/ REACH |

| Operating System Support | |
|---|--|
| Android 11, Yocto Linux 4.0 (Kirkstone) | |



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