

W07FA3S-EH01

7" NXP i.MX6 E Series HMI Panel PC



KEY FEATURES

- 7" 1024 x 600 PCAP touchscreen
- NXP i.MX6 Dual Core
- Fanless cooling system
- Front IP65
- 1 x USB ; 1 x RS232 /422/485; 1 x CAN BUS



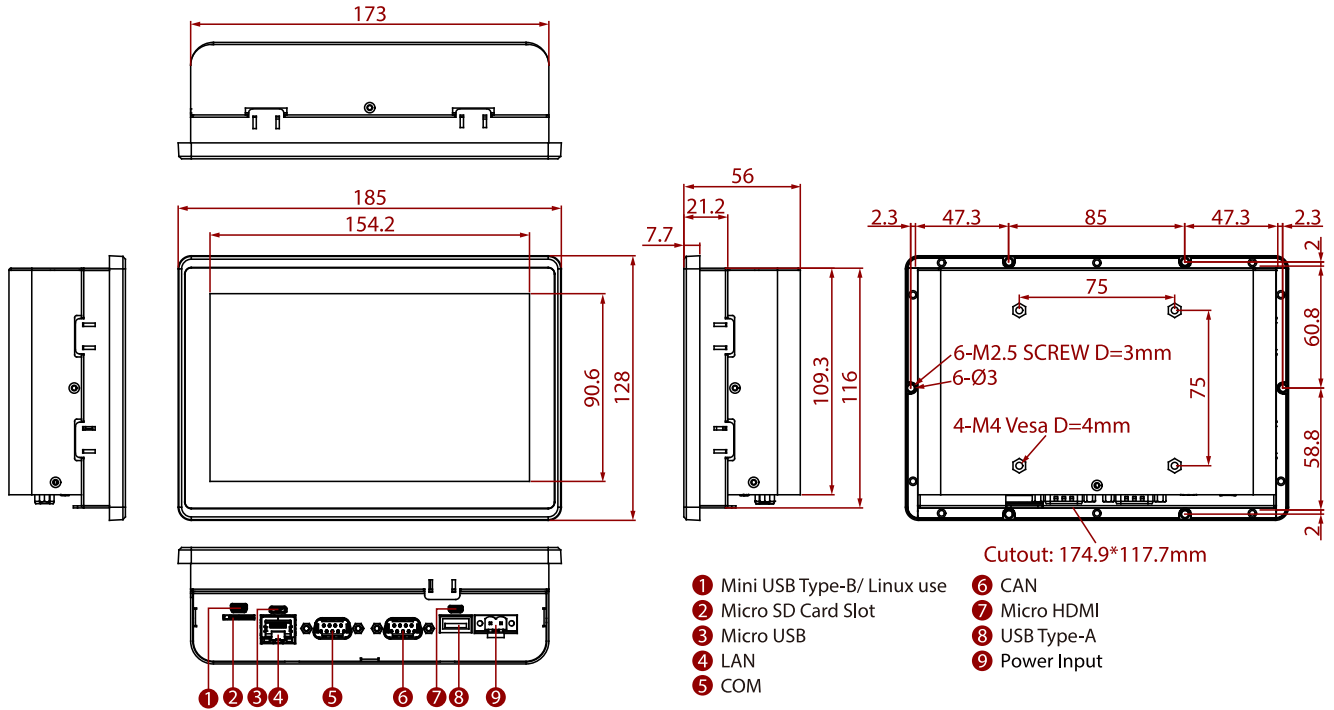
SPECIFICATIONS

Display	
Resolution	1024x600
Contrast Ratio	700:1
View Angles	75,75,75,70
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	7.0 inches
Panel Brightness	1000.0 nits
Active Area	153.6x90 mm
System Specification	
Processor	NXP i.MX6 Dual Core, 1.0GHz
Memory	1GB 2GB (Optional)
Storage	eMMC: Onboard 16 GB eMMC: Onboard 32 GB (Optional)
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 56 mm
Weight	0.9 kg
Mounting	Panel mount VESA Mount
Enclosure	Metal Housing
Cooling System	Fanless design
Cut out	174.9 x 117.7 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 12V DC, 2-Pin Terminal Block
USB Port	1 x Console Port (Mini USB) 1 x USB OTG 1 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232)
SD Card Slot	1 x Micro SD card slot
Video	1 x Micro HDMI (Optional)
Expansion Port	1 x mPCIe slot(for half size Wifi module)
LAN	1 x LAN RJ45 Connector with PoE(PD, 802.3 at)
CANBUS	1 x CANBUS, D-sub9
Accessory	

Accessory 100~240V AC to DC Adapter
Power Cord
VESA screws
Mounting clips

Power			
Power Rating	12V DC	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.