

W07FA3S-IPT1

7" NXP i.MX6 Front IP65 Panel PC



KEY FEATURES

- 7" 1024 x 600 TFT LCD with resistive touch screen
- NXP i.MX6 Dual Core 1 GHz (Optional Quad Core)
- Front IP65 protection
- Onboard LPDDR3 1 GB (Optional 2 GB)
- Onboard 16 GB eMMC Flash
- 1 x USB 2.0, 1 x RS-232/422/485, 1 x Micro SD Slot, 1 x Mini USB, 1 x Micro HDMI (Optional)
- PoE function (Optional)
- Fanless and ultra-low power consumption



SPECIFICATIONS

System Specification

Processor	NXP i.MX6 Dual Core, 1.0GHz	Memory	1GB 2GB (Optional)
Storage	Onboard 16GB eMMC Onboard 32GB eMMC (Optional)	Operating System	Linux Ubuntu 18.04 (Optional) Android 6.0 (Optional) Debian 7.0 (Optional) Linux 4.1.15 QT 5.5 (Optional)

Display

Resolution	1024x600	Size	7 inches
Contrast Ratio	1000:1	Panel Brightness	320 nits
View Angles	75,75,75,70	Active Area	153.6x90 mm
Touch / Glass	Resistive Touch Screen Protection Glass w/o Touch Function (Optional)		

Mechanical

Dimension	218 x 164.6 x 55.3 mm	Mounting	Panel mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fanless design
Cut out	192x133mm		

Environment

Operating Humidity	10% to 90% (non-condensing)	Operating Temperature	0~50°C
Storage Temperature	-20~60°C	IP rating	Front IP65

Certification

Certification	CE, FCC
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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)	Audio	2 x Speaker
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

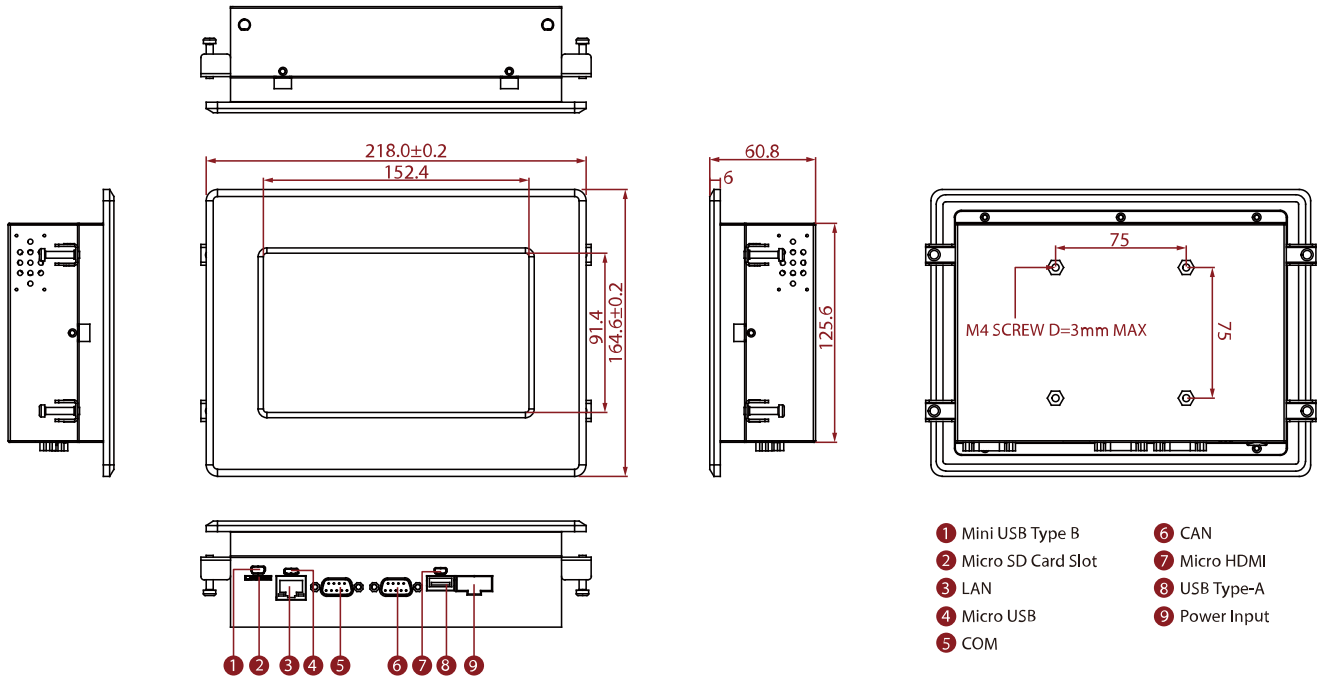
Accessory

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

Power

Power Rating	12V DC	Adapter	12V 50W
POE	PoE (PD): follows IEEE 802.3at (25 W)		

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.