W10FA3S-PCH2-POE
10.1" NXP i.MX6 S Series HMI Panel PC

KEY FEATURES

- 10.1" 1280 x 800 Resolution with Projected Capacitive Multi-Touch (PCAP)
- Fanless cooling system and ultra-low power consumption
- Support PoE function
- Optional 2MP Front Camera
- Optional HF RFID Reader
- Stylish design for room booking, access control and room information applications
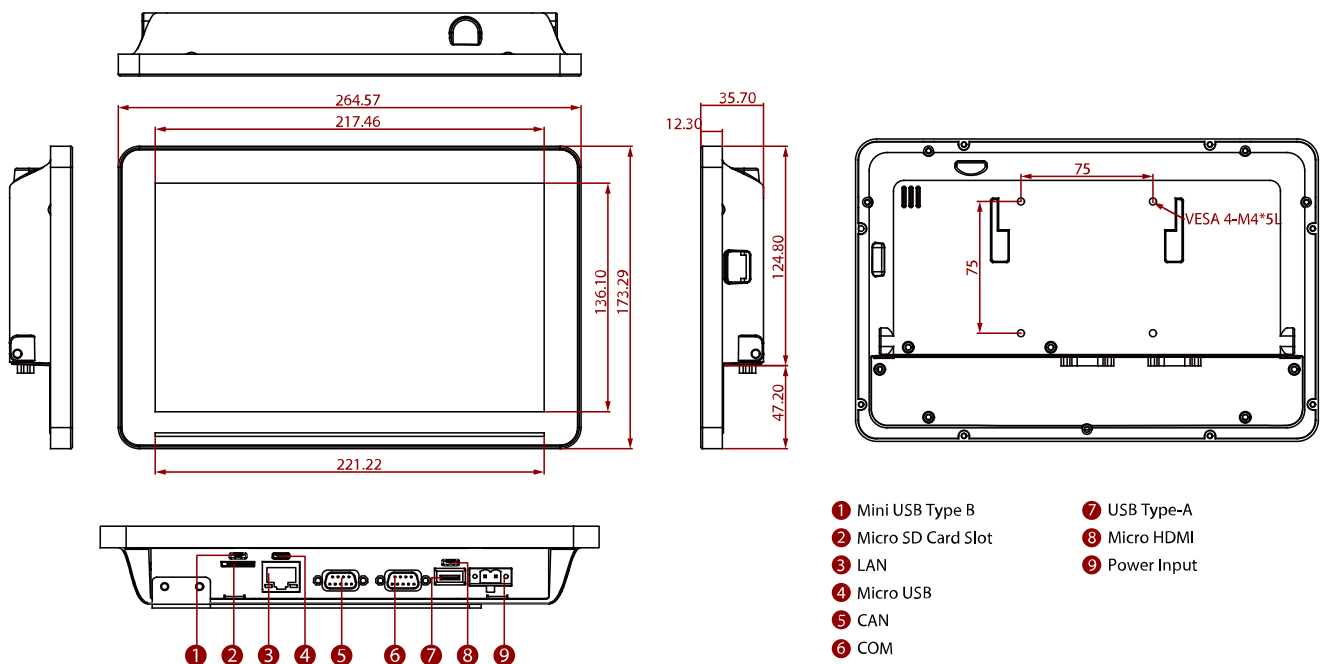- Front IP65 Water and Dust Proof

CE FC

SPECIFICATIONS

Display

Resolution	1280x800	**Size**	10.1 inches
Contrast Ratio	800:1	**Panel Brightness**	350.0 nits
View Angles	85,85,85,85	**Active Area**	216.96x135.6 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 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)
WLAN	Support (Optional)	**BT**	Support (Optional)
RFID	HF RFID Reader 13.56 MHz (Optional)		

Mechanical

Dimension	264.57 x 173.29 x 35.7 mm	**Weight**	1.2 kg
Mounting	Wall mount VESA Mount	**Enclosure**	Plastic Front Bezel with Metal Back Cover
Cooling System	Fanless design	**Cut out**	250x159mm

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)	**Audio**	1 x Speaker

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Expansion Port	1 x mPCIe slot(for Wi-Fi 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 Terminal Block to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block connector VESA screws	Optional Accessory	VESA Wall Mount (Optional) VESA Desk Stand (Optional) Glass Wall Mount Kit (Optional) Front Side Wall Mount (Optional) VESA bracket mounting kit (Optional)

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

DIMENSIONS UNIT:MM

264.57
217.46
35.70
12.30
136.10
173.29
124.80
47.20
221.22
75
75
VESA 4-M4*5L

1 Mini USB Type B
2 Micro SD Card Slot
3 LAN
4 Micro USB
5 CAN
6 COM
7 USB Type-A
8 Micro HDMI
9 Power Input

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.