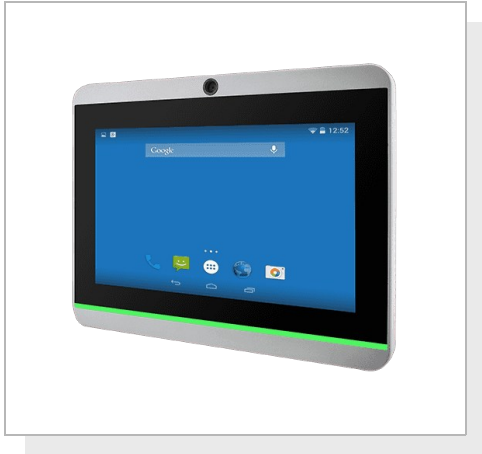# W07FA3S-PCO1AC-POE
7" NXP i.MX6 S Series HMI Panel PC

KEY FEATURES

- 7" 1024 x 600 Resolution with Projected Capacitive Multi-Touch (PCAP)
- Fanless cooling system and ultra-low power consumption
- Built-in RGB LED Light Bar Indicator
- Support PoE
- Optional 2MP Front Camera
- Optional HF RFID Reader
- Stylish design for room booking, access control and room information applications

SPECIFICATIONS

Display

Resolution	1024x600	Size	7.0 inches
Contrast Ratio	700:1	Panel Brightness	1000 nits
View Angles	75,75,75,70	Touch / Glass	Projected Capacitive Multi Touch Screen

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)
WLAN	802.11 a/b/g/n/ac (Optional)	BT	BT Support (Optional)
RFID	HF RFID Reader 13.56 MHz (Optional)	Light Bar	Built-in RGB LED Status Light Bar, on both sides

Mechanical

Dimension	189.4 x 145.4 x 36.1 mm	Mounting	Panel mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fanless design
Cut out	175.5x131.5mm		

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

IO Ports

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	Expansion Port	1 x mPCIe slot(for half size Wifi module)
LAN	1 x LAN RJ45 Connector with PoE(PD, 802.11at)	mini PCIe	1 x Mini PCIE

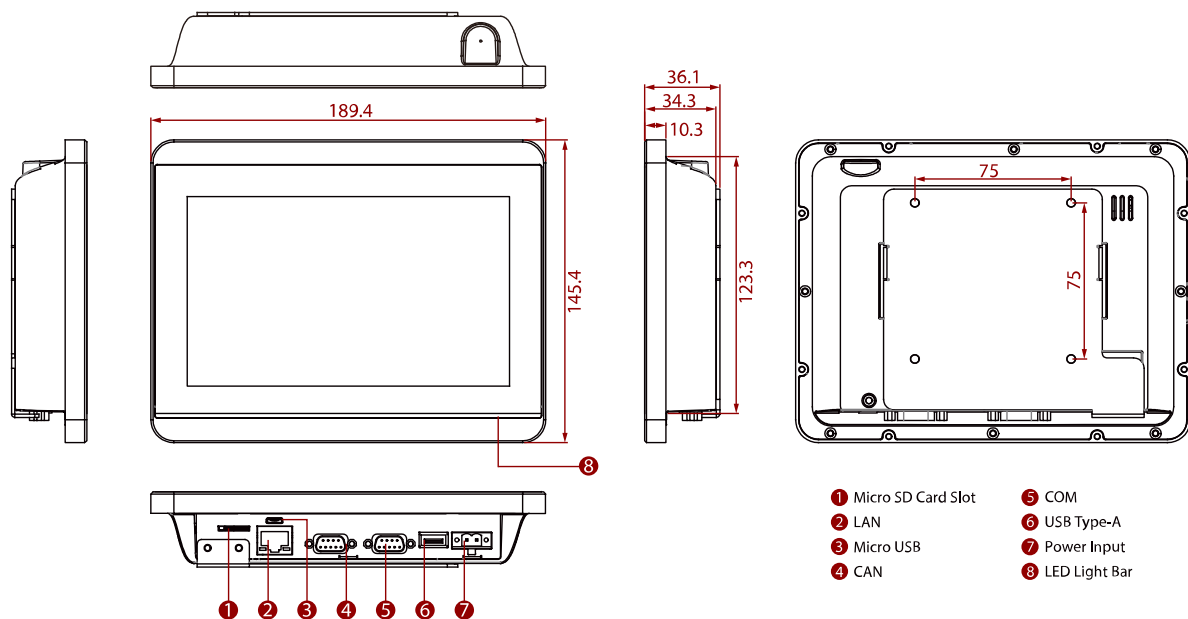| CANBUS	1 x CANBUS, D-sub9
Accessory	
Accessory	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block connector Driver CD & Manual VESA screws

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

DIMENSIONS UNIT:MM

- **1** Micro SD Card Slot
- **2** LAN
- **3** Micro USB
- **4** CAN
- **5** COM
- **6** USB Type-A
- **7** Power Input
- **8** LED Light Bar

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.

Assured Systems

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