W07FA3S-GSO1

7" NXP i.MX6 G-WIN GS-Series Full IP65 PCAP Panel PC

KEY FEATURES

- 7" 1024 x 600 PCAP touchscreen
- NXP i.MX6 Dual Core 1GHz
- Fanless cooling system
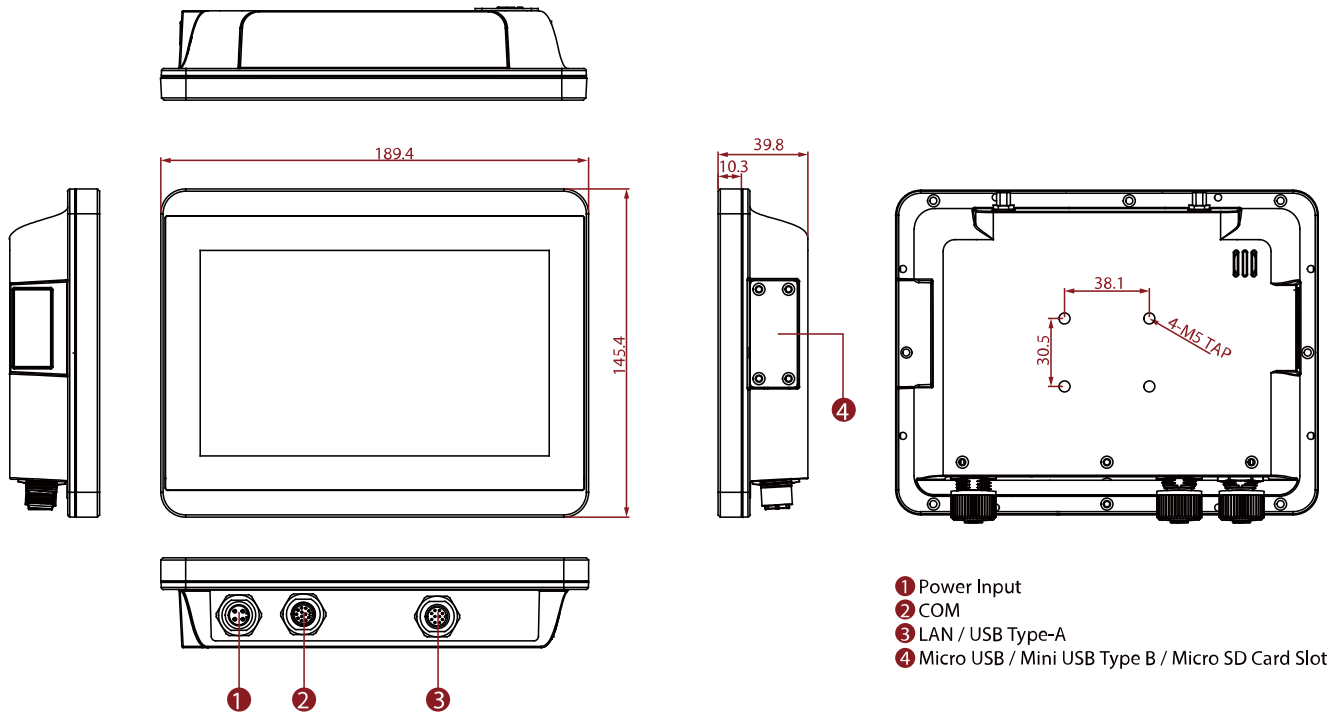- Ultra-low power consumption
- Full IP65

CE FC IP65

SPECIFICATIONS

Display

Resolution	1024x600	Size	7 inches
Contrast Ratio	700:1	Panel Brightness	1000 nits
View Angles	75,75,75,70	Active Area	153.6x90 mm
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)

Environment

Operating Humidity	10% to 95% RH	Operating Temperature	-15 °C to 55 °C
Storage Temperature	-30°C to 60°C	Shock	40g for 11ms
Vibration	1.48/1.90/2.24 g rms for XYZ/ 5-500Hz	IP rating	Full IP65

Certification

Certification	Compliant with MIL-STD-810F/G for vibration / shock, CE, FCC		

IO Ports

USB Port	1 X USB 2.0 (M12 type)	Serial Port	1 x RS232 (M12 type)(Optional 422/485)
SD Card Slot	1 x Micro SD Card Slot	Audio	1 x Speaker
LAN	1 x LAN-10/100/1000 (M12 type)		

Mechanical

Dimension	184.6 x 145.4 x 39.8 mm	Mounting	VESA Mount/ Panel Mount
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design

Power

Power Rating	9V-24V DC (M12 type)		

Accessory

WINMATE

Accessory	Quick Start Guide (Hardcopy)
	Driver CD & User Manual
	M12 Power Cable
	M12 Serial Interface Cable
	M12 USB/ LAN Cable
	I/O Protective Cap x 3

DIMENSIONS UNIT:MM

❶ Power Input
❷ COM
❸ LAN / USB Type-A
❹ Micro USB / Mini USB Type B / Micro SD Card Slot

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.