W07MG3S-GST1

7" ARM A78 + A55 G-WIN GS-Series Full IP65 PCAP Panel PC
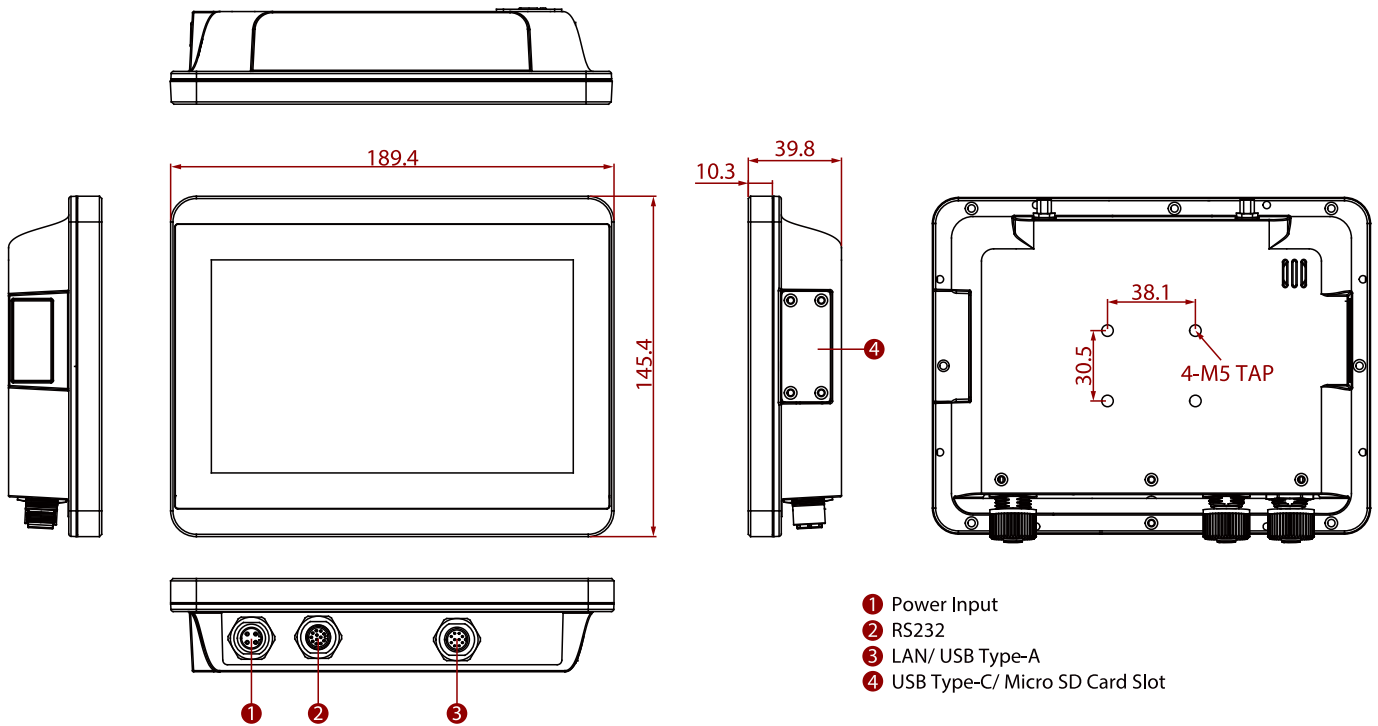
KEY FEATURES

- 7" 1024 x 600 with PCAP touchscreen
- ARM 2 x A78 2.0GHz + 4 x A55 2.0GHz
- Fanless cooling system and Ultralow power consumption
- Full IP65
- Onboard 32GB eMMC
- Onboard LPDDR4 4GB
- 1 x LAN, 1 x RS232, 1 x USB, 1 x USB Type-C, 1 x Micro SD

CE FC IP65

SPECIFICATIONS

Display

Resolution	1024x600	**Size**	7.0 inches
Contrast Ratio	1000:1	**Panel Brightness**	320.0 nits
View Angles	75,75,75,70	**Active Area**	153.6x90 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

Processor	ARM 2 x A78 2.0GHz + 4 x A55 2.0GHz	**Memory**	4GB LPDDR4
Storage	Onboard 32 GB	**Operating System**	Android 13 Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu 22.04 (Optional)

Environment

Operating Humidity	10% to 95% RH, Non-Condensing	**Operating Temperature**	-15°C to 55°C
Storage Temperature	-30°C to 60°C	**Shock**	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	**IP rating**	IP65

Certification

Certification	CE, FCC

IO Ports

USB Port	1 X USB 2.0 (M12 type) 1 X USB Type-C	**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 Mbps (M12 type)		

Mechanical

Dimension	189.4 x 145.4 x 39.8 mm	**Mounting**	Panel Mount VESA Mount
Enclosure	Metal Housing with Aluminum Bezel	**Cooling System**	Fanless Design

Power

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

Accessory

Accessory	Quick Start Guide (Hardcopy) M12 Power Cable

M12 Serial Interface Cable
M12 USB/ LAN Cable
I/O Protective Cap x 3

DIMENSIONS UNIT:MM

❶ Power Input
❷ RS232
❸ LAN/ USB Type-A
❹ USB Type-C/ 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.