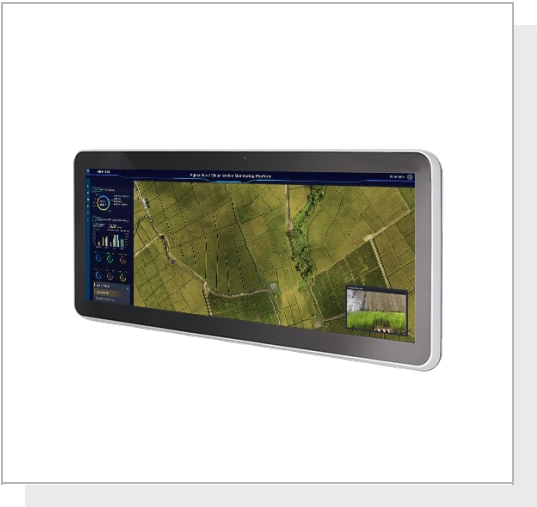


W12MG3S-GSB1

12.3" ARM A78+A55 G-WIN GS-Series Full IP65 PCAP Panel PC



KEY FEATURES

- 12.3" 1920 x 720 panel with projected capacitive multitouch screen
- ARM 2 x A78 2.2GHz + 6 x A55 2.0GHz
- M12 waterproof connectors , IP65 waterproof and dustproof
- Shock and vibration resistance according to MIL-STD-810H
- Support Android 13 operating system
- Wide power input 10-60V DC with ignition



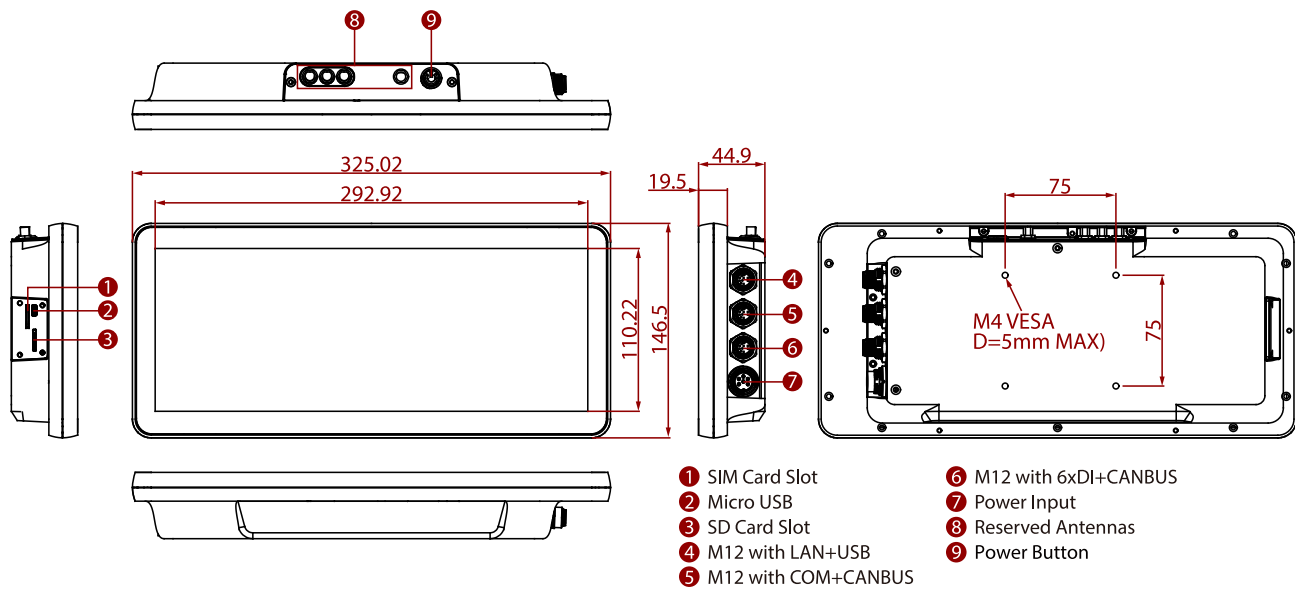
SPECIFICATIONS

Display			
Touch / Glass	Projected Capacitive Multi Touch Screen	Resolution	1920x720
Size	12.3 inches	Contrast Ratio	1000:1
Panel Brightness	1000.0 nits	View Angles	88,88,88,88
Active Area	292.92×110.22 mm		
System Specification			
Processor	ARM 2 x A78 2.2GHz + 6 x A55 2.0GHz	Memory	4GB LPDDR4
Storage	Onboard 32 GB	Operating System	Android 13
WLAN	Support (Optional)	BT	Support (Optional)
WWAN	4G/LTE (Optional)	GPS	GPS/GLONASS (Optional)
Mechanical			
Dimension	325.02 x 146.5 x 45 mm	Mounting	VESA Mount
Cooling System	Fanless Design		
IO Ports			
USB Port	1 x USB 2.0 (M12 type) 1 x Micro USB OTG	Serial Port	1 x RS232/422/485 (Default RS232) (Optional)
SD Card Slot	1 x Micro SD Card Slot	SIM Card Slot	1 x SIM card slot (Optional)
LAN	1 x LAN 10/100/1000 Mbps (M12 type)	DIDO	6 x Digital Input (M12 type) (Optional)
CANBUS	2 x CANBus (M12 type) (Optional)		
Environment			
Operating Humidity	5% to 95% RH	Operating Temperature	-20°C to 60°C
Storage Temperature	-30°C to 70°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		
Control			
Button	1 x Power Button		
Power			

Power Rating	10V~60V with ignition control	Adapter	12V 50W
Accessory			
Accessory	Quick Start Guide M16 Power Cable M12 COM Port/CANBus Cable M12 Digital Input/CANBus Cable M12 USB/ LAN Cable	Optional Accessory	WWAN Antenna x 2 (Optional) GPS Antenna, 3m (Optional)

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.