

W12MG3S-GSB1 12.3" ARM A78+A55 G-WIN GS-Series Full IP65 PCAP Panel PC

Manufacturer part number: W12MG3S-GSB1 | G-WIN Series / IP67 Design



Explore Winmate W12MG3S-GSB1, an industrial panel PC featuring 12.3-inch display with 1920x720 resolution, IP65, MIL-STD-810H for machine control and factory...

Display	
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	12.3 inches
Resolution	1920x720
Panel Brightness	1000.0 nits
Contrast Ratio	1000:1
View Angles	88,88,88,88
Active Area	292.92x110.22 mm
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 (Default), Linux Yocto 5.15.47 with QT 5.15 (Optional), Linux Ubuntu 22.04 (Optional)
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 USB Type-C (OTG)
Serial Port	1 x RS232/422/485 (Default RS232) (Optional)
LAN	1 x LAN 10/100/1000 Mbps (M12 type)
SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x SIM card slot (Optional)
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 deg C to 60 deg C
Storage Temperature	---30 deg C to 70 deg 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, M12 Power Cable, M12 USB/ LAN Cable
Optional Accessory	WLAN Antenna x 2 (Optional), WWAN Antenna x 2 (Optional), GPS Antenna, 3m (Optional), M12 COM Port/CANBus Cable (Optional), M12 Digital Input/CANBus Cable (Optional)