



W07MG3S-GST1 7" ARM A78 + A55 G-WIN GS-Series Full IP65 PCAP Panel PC

Manufacturer part number: W07MG3S-GST1 | G-WIN Series / IP67 Design



Explore Winmate W07MG3S-GST1, an industrial panel PC featuring 7-inch display with 1024x600 resolution, IP65 for machine control and factory automation.

Display	
Size	7.0 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1024x600
Panel Brightness	320.0 nits
Contrast Ratio	1000:1
View Angles	75,75,75,70
Active Area	153.6x90 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)
Environment	
Operating Humidity	10% to 95% RH, Non-Condensing
Operating Temperature	-15 deg C to 55 deg C
Storage Temperature	-30 deg C to 60 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
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)
LAN	1 x LAN 10/100/1000 Mbps (M12 type)
Audio	1 x Speaker
SD Card Slot	1 x Micro SD card slot

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