



# W07MG3S-GCT1 7" ARM A78 + A55 G-WIN GC-Series Front IP65 PCAP Panel PC

Manufacturer part number: W07MG3S-GCT1 | G-WIN Series / IP67 Design



Explore Winmate W07MG3S-GCT1, an industrial panel PC featuring 7-inch display, 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) |
| WLAN                  | Support (Optional)                                                                               |
| BT                    | Support (Optional)                                                                               |
| Mechanical            |                                                                                                  |
| Dimension             | 189.4 x 145.4 x 39.8 mm                                                                          |
| Cut out               | 177x131mm                                                                                        |
| Mounting              | Panel mount, VESA mount                                                                          |
| Enclosure             | Aluminum                                                                                         |
| Cooling System        | Fanless Design                                                                                   |
| Environment           |                                                                                                  |
| Operating Humidity    | 10% to 90% RH, Non-Condensing                                                                    |
| Operating Temperature | 0 deg C to 50 deg C                                                                              |
| Storage Temperature   | -20 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             | Front IP65                                                                                       |

|                      |                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------|
| <b>Certification</b> |                                                                                               |
| Certification        | CE, FCC                                                                                       |
| <b>IO Ports</b>      |                                                                                               |
| USB Port             | 2 x USB 2.0 Type A , 1 x USB 2.0 Type C (OTG)                                                 |
| Serial Port          | 1 x RS232/422/485 (Default RS232)                                                             |
| LAN                  | 1 x LAN 10/100/1000 Mbps                                                                      |
| Video                | 1 x Micro HDMI Output (Optional)                                                              |
| Audio                | 1 x Speaker (Optional)                                                                        |
| SD Card Slot         | 1 x Micro SD card slot                                                                        |
| <b>Accessory</b>     |                                                                                               |
| Accessory            | Quick Start Guide(Hardcopy) , AC Adapter 12V/50W, Power Cord, 3 Pin Terminal Block to DC Jack |
| <b>Power</b>         |                                                                                               |
| Power Rating         | 12V DC with Terminal Block (Default), 24V (Optional), 9~36V (Optional)                        |
| Adapter              | 12V 50W                                                                                       |
| <b>Control</b>       |                                                                                               |
| Button               | 1 x Power Button (Optional)                                                                   |