

# W10IM3S-GSH2 10.1" ARM A53 G-WIN GS-Series Full IP65 PCAP Panel PC

Manufacturer part number: W10IM3S-GSH2 | G-WIN Series / IP67 Design



Explore Winmate W10IM3S-GSH2, an industrial panel PC featuring 10.1-inch display with 1280x800 resolution, IP65 for machine control and factory automation.

| Display               |                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Size                  | 10.1 inches                                                                                                                         |
| Touch / Glass         | Projected Capacitive Multi Touch Screen (Default), Protection Glass (Optional)                                                      |
| Resolution            | 1280x800                                                                                                                            |
| Panel Brightness      | 350.0 nits                                                                                                                          |
| Contrast Ratio        | 800:1                                                                                                                               |
| View Angles           | 85,85,85,85                                                                                                                         |
| Active Area           | 216.96x135.6 mm                                                                                                                     |
| System Specification  |                                                                                                                                     |
| Processor             | ARM A53 (Quad Core 2.0GHz)                                                                                                          |
| Memory                | 4GB                                                                                                                                 |
| Storage               | eMMC: Onboard 32 GB                                                                                                                 |
| Operating System      | Android 11 (Upgradeable to Android 13) (Default), Linux Yocto 5.15.47 with QT 5.15 (Optional), Linux Ubuntu Server 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 Micro USB                                                                                               |
| 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 (Max to 32GB)                                                                                  |
| <b>Mechanical</b> |                                                                                                                       |
| Dimension         | 263.28 x 172 x 40.2 mm                                                                                                |
| Mounting          | Panel mount, VESA mount                                                                                               |
| Enclosure         | Aluminum                                                                                                              |
| Cooling System    | Fanless Design                                                                                                        |
| <b>Power</b>      |                                                                                                                       |
| Power Rating      | 12V DC (M12 type)                                                                                                     |
| <b>Accessory</b>  |                                                                                                                       |
| Accessory         | Quick Start Guide (Hardcopy), M12 Power Cable, M12 Serial Interface Cable, M12 USB/ LAN Cable, I/O Protective Cap x 3 |