



W22MG3S-GCA3 21.5" ARM A78 + A55 G-WIN GC-Series Front IP65 PCAP Panel PC

Manufacturer part number: W22MG3S-GCA3 | G-WIN Series / IP67 Design



Explore Winmate W22MG3S-GCA3, an industrial panel PC featuring 21.5-inch display, IP65 for machine control and factory automation.

Display	
Size	21.5 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1920x1080
Panel Brightness	250.0 nits
Contrast Ratio	3000:1
View Angles	89,89,89,89
Active Area	476.64x268.11 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	530 x 322 x 55 mm
Cut out	457x250mm
Mounting	Panel mount, VESA mount
Enclosure	Metal Housing with Plastic Bezel
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

Certification	
Certification	CE, FCC
IO Ports	
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	2 x Speaker (Optional)
SD Card Slot	1 x Micro SD card slot
Accessory	
Accessory	Quick Start Guide(Hardcopy) , AC Adapter 12V/50W, Power Cord, 3 Pin Terminal Block to DC Jack
Power	
Power Rating	12V DC with Terminal Block (Default), 24V (Optional), 9~36V (Optional)
Adapter	12V 84W
Control	
Button	1 x Power Button (Optional)