

R19MG3S-GCM1

19" ARM A78 + A55 G-WIN GC-Series Front IP65 PCAP Panel PC



CE

FC

KEY FEATURES

- ARM 2 x A78 2.0GHz + 4 x A55 2.0GHz
- Fanless cooling system and ultra-low power consumption
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- Plenty of I/O, including 1 x USB Type-C, 2 x USB 2.0; 1 x RS232/422/485; 1 x RJ45; 1 x Micro SD Slot; 1 x Micro HDMI (Optional)

INTRODUCTION

Winmate G-WIN GC Series Panel PC Series offers advanced performance and flexibility, with sizes ranging from 7" to 24" and support for various operating systems, including Windows and Android. Designed with a fanless cooling system and ultra-low power consumption, these panel PCs feature a front IP65-rated edge-to-edge flat design for water and dust resistance and easy cleaning. With versatile I/O options, including USB, HDMI, and RS232/422/485, these robust devices are ideal for industrial automation, kiosks, and control systems, ensuring reliability in harsh environments.

SPECIFICATIONS

Display

Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	250.0 nits
View Angles	85,85,80,80	Active Area	376.32x301.06 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
Processor	ARM 2 x A78 2.0GHz + 4 x A55 2.0GHz	Memory	4GB LPDDR4
Storage	Onboard 32 GB	Operating System	Android 13 Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu 22.04 (Optional)

Mechanical

Dimension	445 x 370 x 51 mm	Mounting	Panel mount VESA mount
Enclosure	Metal Housing with Plastic Bezel	Cooling System	Fanless Design
Cut out	388x280mm		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°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)
SD Card Slot	1 x Micro SD card slot	Video	1 x Micro HDMI Output (Optional)
Audio	2 x Speaker (Optional)	LAN	1 x LAN 10/100/1000 Mbps

Accessory

Accessory	Quick Start Guide(Hardcopy) AC Adapter 12V/50W Power Cord 3 Pin Terminal Block to DC Jack
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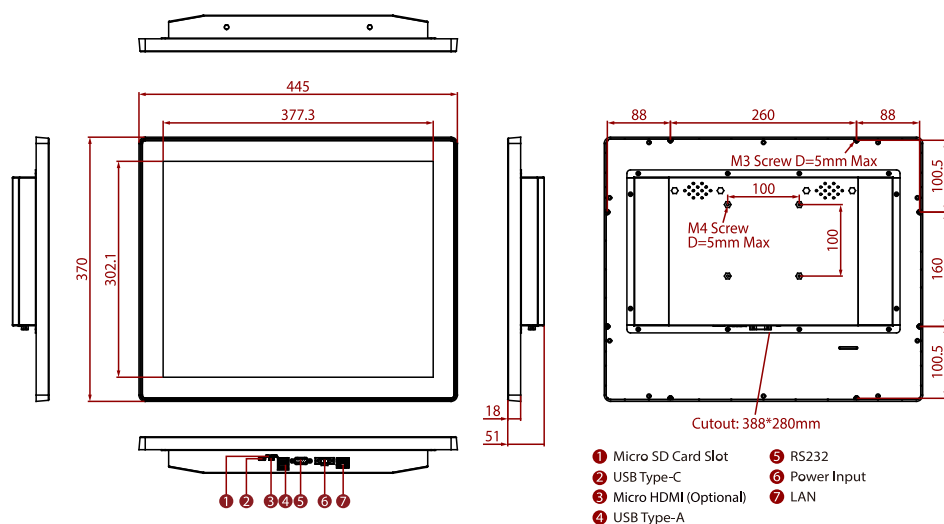
Power

Power Rating	12V DC with Terminal Block 9~36V (Optional)	Adapter	12V 84W
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Control

Button	1 x Power Button (Optional)
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DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.
4. All specifications are subject to change without prior notice.

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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PRŮMYSLOVÉ POČÍTAČE

fanless embedded PC, do racku, ...



POČÍTAČE S DISPLEJEM

panelové PC, terminály, do vozidel, ...



AUTOMATIZACE A SBĚR DAT

převodníky, karty, moduly, switche, ...



PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



INFORMAČNÍ KIOSKY

interiérové, venkovní, ...



MEDICÍNSKÁ TECHNIKA

počítače, tablety, LCD, klávesnice, ...



SOFTWAREVÁ ŘEŠENÍ

pro výrobu, zaměstnance, kiosky, ...



PŘEJÍT DO E-SHOPU

eshop.autocont-ipc.cz



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