

R19IAN3S-GCM1

19" G-WIN GC-Series Front IP65 PCAP Panel PC with Intel® Processor N150



KEY FEATURES

- 19-inch 1280 x 1024 with P-CAP touchscreen
- Low power consumption with Intel® Processor N150
- Fanless cooling system design
- 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 2 x 2.5GbE LAN, 1 x COM, 2 x USB 3.2 Gen 2 x1, 1 x HDMI

INTRODUCTION

Winmate R19IAN3S-GCM1 is a 19-inch G-WIN GC-Series Front IP65 PCAP Panel PC with Intel® Processor N150 engineered for machine control, factory automation, and operator HMI. It combines Intel® Processor N150, 19-inch display with 1280x1024 resolution, and IP65 to support reliable operation in harsh industrial environments. With 19-inch 1280 x 1024 with P-CAP touchscreen, the R19IAN3S-GCM1 helps OEMs, system integrators, and project teams deploy durable, configurable solutions for demanding field, factory, and mission-critical applications.

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

Processor	Intel® Processor N150 6M Cache, up to 3.6 GHz	Memory	8GB (Default) 16GB (Optional)
Storage	128GB SSD(Default) (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB (Optional) 2TB (Optional)	Ethernet controller	2 x Intel® 2.5 Gigabit Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 24.04 (Optional)
WLAN	(Optional)	BT	(Optional)

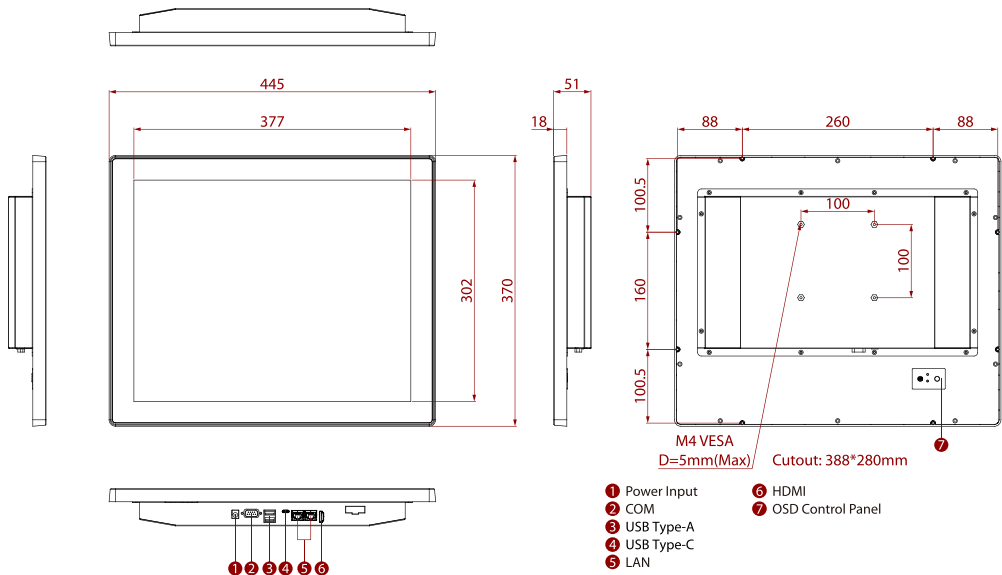
Environment

Operating Humidity	10% to 90% (Non-Condensing)	Operating Temperature	0~50°C
Storage Temperature	-30°C~70°C	Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6	IP rating	Front IP65

Certification

Certification	CE, FCC		
IO Ports			
USB Port	2 x USB3.2 Gen2 x 1 (Type-A) 1 x USB 3.2 Gen 2x1 Type C	Serial Port	1 x RS232(Default)/422/485 ((Default RS232)
Video	1 x HDMI 2.0b, Max resolution up to 4096x2160@60Hz (Optional) 1 x USB Type C ,support DP Alt. mode.Max resolution up to 4096 x 2160@60Hz	LAN	2 x 2.5 Giga LAN RJ45 Connector
Mechanical			
Dimension	445 x 370 x 51 mm	Mounting	VESA mount
Enclosure	Metal Housing with Plastic Bezel	Cooling System	Fanless Design
Accessory			
Accessory	User Manual(Hardcopy) AC Adapter Power Cable		
Control			
Button	1 x Power Button 1 x Reset Button		
Power			
Power Rating	12V DC input (Default) 9~36V DC input (Optional)		

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. All specifications are subject to change without prior notice.
 4. 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.
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