

Specification Sheet



Highlights:

1. Fully enclosed design, the whole PC is dustproof, fanless design
2. Seamless design flat bezel, [front panel IP65 waterproof](#)
3. Aluminum alloy shell, good mechanical properties, great heat dissipation ability
4. [Industrial 17" LCD panel, 1280x1024, 4:3 display, 300 nits indoors](#)
5. Adopt multi-points PCAP touch panel, high sensitive and fast-response. [Cover with 2mm tempered glass for vandalproof](#)
6. High performance motherboard, 7x24x365 continuous operation
7. With Phoenix terminal input, it supports DC 12-36V wide voltage
8. Optional features: With SIM card slot, it support 3G/4G optional
- Support 3xCOM RS232/RS422/RS485 optional
9. With waterproof rubber seal on the back side
10. All i3/i5/i7 CPU has 2xRJ45, same model as you purchased

Model: GM17-CT

PC System

CPU processor	Intel Core i3-1215U, 6 cores, 8 threads, 1.2GHz Base, 4.40GHz Max Turbo Frequency Intel Core i5-1235U, 10 cores, 12 threads, 1.3GHz Base, 4.40GHz Max Turbo Frequency Intel Core i7-1255U, 10 cores, 12 threads, 1.7GHz Base, 4.70GHz Max Turbo Frequency
GPU	i3-1215U: Intel Iris Xe Graphics 64 i5-1235U: Intel Iris Xe Graphics 80 i7-1255U: Intel Iris Xe Graphics 96
Memory	16G DDR4 (Supports up to 32GB)
Hard Drive Capacity	256G SSD
Storage option	SSD: 64G, 128GB, 256GB, 512G, 1TB etc HDD: 500GB, 1TB, 2TB etc
Graphics	CPU Integrated graphics HD Graphics and support 1080p HD photo quality
Audio	Realtek ALC662, High Definition Audio (HD), Line in, Line out
Network	2xRealtek RTL 8111E Gigabit Ethernet controller
Wireless Network	Dual Band 2.4GHz+5GHz WIFI module and Bluetooth 4.0
I/O interface	1xPower Port 1xThreaded DC connector(Diameter 5.5x2.5 mm) 1x12P Phoenix terminal (1xDC+2xRS232+1xRS485+5xGPIO) 2xUSB 2.0, 2xUSB 3.0 2xLAN, 10M/100M/1000M adaptive Ethernet, 3G/4G customized 1xHDMI output, up to 4K 1xSIM card slot (should be work with 3G/4G module) 1xVGA 1xAudio I/O, support audio input and output 2xWi-Fi antenna 1xCOM (The default is RS232, optional RS485/RS422) 2x(8Ω2W) Speaker 1xGND Grounding
Operational System	Support Windows 7/8/10/11, Linux, Ubuntu, Debian, etc.

LCD Panel

Panel Size	17" TFT LCD Screen
Resolution	1280x1024
Display Ratio	4:3
Support Color	16.7M colors
Brightness(cd/m ²)	300 nit indoors
Response Time	5ms
Contrast Ratio	1000:1
Viewing angle	85°/85°/80°/70° (R/L/U/D)

Touch Panel

Touchscreen Type	Project Capacitive Touch (10 points)
Touch Interface	USB (RS232 optional)
Touch response time	2ms
Luminousness	90%
Surface Hardness	7H
Working life	>50 million times
Touch options	(5 wire resistive touch, IR touch optional)

Power Supply

External Power Supply	AC 100-240V
Working voltage	DC 12-36V wide voltage power supply
Power Adapter	DC24V 5A

Structure

Material	Aluminum Alloy
Color	Silver, Black, white, color can be customized
VESA mounting	75x75mm/100x100mm
IP grade	Front panel IP65 waterproof

Operating Environment

Temperature Range	Operating: -10 to 60°C, storage: -20 to 70°C
Relative humidity	5%-95% @ 40° C, non-condensing
Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis

Packing Details

Net weight	5.5kg
Gross weight	6.5kg
Product Dimension	39.92x33.16x6.45cm
Installation Size	W38.53xH32.34 cm
Packing size	53x47x18cm
Accessories	Power adapter, embedded clips& screws, user manual, warranty card

Other Features

Mounting Options	Embedded mounting screws and clips Wall mounting brackets (optional) Desk stand holder (optional)
Warranty	1 year warranty
Certificates	CE, FCC, RoHS

