

27 Inch

Closed Frame Windows AIO



General Touch's breed of Closed Frame Touch computer is characterized by its unified design with AL Alloy frame edges. This sleek and sturdy contraption is loaded with enticing features and options that cater to different requirements including operating on Android, Windows and Linux platforms. The Android version is equipped with a Rockchip processor, while the Windows and Linux versions utilize powerful Intel processors.

Equipped with 10-point responsive PCAP Touch, several I/O interfaces and a high resolution display, connecting and adapting to other devices and peripherals is a breeze for applications in an assortment of scenarios. Also, a Closed frame design has the standard mounting options such as floating or standalone. Hence, GT's Closed frame Touch Computers are well positioned for use in kiosks, POS systems, financial services, self-service applications and information interactive displays.



Gaming



Kiosk



Vending Machine



Industrial Automation

- Support Windows, Linux, Android and mainstream OS
- AL Alloy frame, fashion and sturdy and durable
- General Touch PCAP technology, quality assurance
- VESA Mounting
- Support customization and OEM/ODM
- Closed frame, compatible with various application

SPECIFICATIONS

Product Name	27 Inch Closed Frame Windows AIO	
Model	CTL275	
Motherboard Parameters		
Processor	12th Generation Intel® Core™ i3 / i5 Processors	
GPU	Integrated in CPU (Note 1)	
Memory	2* DDR4 SO-DIMM Slot, up to 64GB	
Storage	1 x SATA3.0 Interface, 1 x M.2 Slot	
OS Support	Windows 10/ Linux (Note 2)	
Wi-Fi & Bluetooth	M.2 Module, optional	
4G/5G LTE	M.2 Module, optional	
LCD Panel Parameters		
Display Technology	Active Matrix TFT-LCD with LED Backlight	
Aspect Ratio	16:9	
Active Display Area (W x H)	597.6mm x 336.2mm	
Native Resolution	1920 x 1080	
Response Time (Typ.)	12ms	
Display Colors	16.7M	
Luminance (Typ.)	300nits	
Contrast Ratio (Typ.)	3000:1	
Viewing Angle (Typ.)	Horizontal (Left/Right) CR≥10	178° (89°/89°)
	Vertical (Up/Down) CR≥10	178° (89°/89°)
Touchscreen Parameters		
Touch Technology	PCAP	
Touch Point	10	
Light Transmission	≥83%	
Thickness	4.3mm ± 0.3mm	

I/O Port	
LAN	1 x RJ45 (10/100/1000Mbps)
USB	2 x USB 2.0 (Type-A), 2 x USB 3.0 (Type-A)
Display	1 x VGA out, 1 x HDMI out
Audio	1 x 3.5mm Line out, 1 x 3.5mm Mic in
Antenna	1 x SMA-K, available on Wi-Fi & Bluetooth or 4G/5G LTE module
Power	1 x DC Jack (Pin Outer Diameter 2.5mm, optional)

Overall Parameters	
Bezel/Case Colour	Silver/Black
Mounting Options	VESA 100mm x 100mm
Outline Dimensions	658.7mm x 399.4mm x 54.8mm (W x H x D)
Input Voltage Range	12V DC \pm 5%
Speaker	2 x 2W Built-in, optional
Power Consumption	120W Max
Operating Altitude	\leq 3000m
Temperature	Operating: 0°C to 40°C, storage: -20°C to 60°C
Humidity (Non-condensing)	Operating: 20% to 80%, storage: 10% to 90%
Carton Dimensions	TBD
Weight	TBD
MTBF	50,000 Hours Demonstrated
Agency Approvals	TBD
Warranty	2 years

Note 1: For 12th Gen i3 cpu, it's the Intel® UHD Graphics for 12th Gen Intel® Processors; for 12th Gen i5 cpu, it's the Intel® Iris® Xe Graphics eligible.

Note 2: The default operating system is Windows 10 IoT Enterprise x64, and Microsoft® Product Key is an optional accessory.

Ordering Information		
Part Name	Part Number	Description
CTL275-RCE-2B00-A0D-1.0	10302020148R	Intel 12th Gen i3, 8GB RAM, 128GB SSD, 2 x 2W Built-in Speakers, Wi-Fi&BT 2 in 1 Module
CTL275-RCF-2B00-A0D-1.0	10302020141R	Intel 12th Gen i5, 8GB RAM, 128GB SSD, 2 x 2W Built-in Speakers, Wi-Fi&BT 2 in 1 Module
Optional Accessories		
Part Name	Part Number	Description
Microsoft® Product Key	30208180003R	Windows 10 IoT Enterprise (OEM)
US Power Cable	30301010010R	1.5m
EU Power Cable	30301010011R	1.5m
UK Power Cable	30301010018R	1.5m
AU Power Cable	30301010015R	1.5m
Power Adapter	30207010026R	Input Voltage Range: 100V - 240V AC Output : 12V DC \pm 5% / 10A DC Barrel Plug Pin Inner Diameter: 2.5mm

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