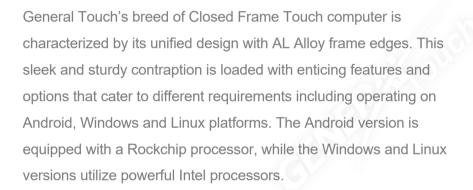


23.8 Inch

Closed Frame Windows AIO





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.









Vending Machine



Industrial Automation

- Support Windows, Linux, Andriod 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	23.8 Inch Closed Frame Windows AIO		
Model	CTL245		
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)	527.0mm x 296.5mm		
Native Resolution	1920 x 1080		
Response Time (Typ.)	16ms		
Display Colors	16.7M		
Luminance (Typ.)	250nits		
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	4.3 mm \pm 0.3mm $_2$		



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	584.1mm x 353.6mm x 50.4mm (W x H x D)	
Input Voltage Range	12V DC ± 5%	
Speaker	2 x 2W Built-in, optional	
Power Consumption	90W Max	
Operating Altitude	≤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
CTL245-RCE-2B00-A0D-1.0	10302020147R	Intel 12th Gen i3, 8GB RAM, 128GB SSD, 2 x 2W Built-in Speakers, Wi-Fi&BT 2 in 1 Module
CTL245-RCF-2B00-A0D-1.0	10302020140R	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	30207010006R	Input Voltage Range: 100V - 240V AC Output : 12V DC ± 5%/7.5A DC Barrel Plug Pin Inner Diameter: 2.5mm

Go to www.generaltouch.com for more products and information, or contact us.

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