GENERAL Touch

21.5 Inch

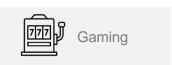## Closed Frame Windows AIO

CTL226

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

Features & Benefits

- Support Windows, Linux, Andriod and mainstream OS
- AL Alloy frame, fashion and sturdy and durable
- General Touch PCAP technology, quality assurance
- VESA Mounting

- 43'', 55'' large size touch computer with OPS, support 4K solution
- Support customization and OEM/ODM
- Closed frame, compatible with various application

SPECIFICATIONS

Product Name	21.5 Inch Closed Frame Windows AIO
Model	CTL226
Motherboard Parameters	
Processor	7th Generation Intel® Core™ i5 Mobile Dual-Core CPU
GPU	Intel® HD Graphics 620, integrated in CPU
Memory	2 x NB-DDR3 Slots, up to 16GB
Storage	1 x mSATA Interface, 2 x SATA Interfaces
OS Support	Windows 7/ Windows 8/ Windows 10/ Linux (Note 1)
Wi-Fi & Bluetooth	Mini PCI-e Module, optional (Note 2)
4G LTE	Mini PCI-e Module, optional (Note 2)
LCD Panel Parameters	
Display Technology	Active Matrix TFT-LCD with LED Backlight
Aspect Ratio	16:9
Active Display Area (W x H)	476.64mm x 268.11mm
Native Resolution	1920 x 1080
Response Time (Typ.)	18ms
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	≥85%
Thickness	2.4mm ± 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 LTE model
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	529.5mm x 316.5mm x 52.0mm (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℃ to 40℃, storage: -20℃ to 60℃
Humidity (Non-condensing)	Operating: 20% to 80%, storage: 10% to 90%
Carton Dimensions	TBD
Weight	TBD
MTBF	50,000 Hours Demonstrated
Agency Approvals	CE, FCC
Warranty	2 years

Note 1: The default operating system is Windows 10 IoT Enterprise x64, and Microsoft[®] Product Key is an optional accessory.

Note 2: There is only 1 Mini PCI-e slot for Wi-Fi & BT 2-in-1 module or 4G LTE module installation.

Ordering Information

Part Name	Part Number	Description
CTL226-RCS-0B00-A0D-1.0	10302020077R	8GB RAM, 128GB mSATA SSD, 2 x 2W Built-in Speakers
CTL226-RCS-2B00-A0D-1.0	10302020050R	8GB RAM, 128GB mSATA 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
Power Adapter	30207010006R	Input Voltage Range: 100V - 240V AC Output : 12V DC ± 5%/7.5A DC Barrel Plug Pin Inner Diameter: 2.5mm