# GENERAL Touch
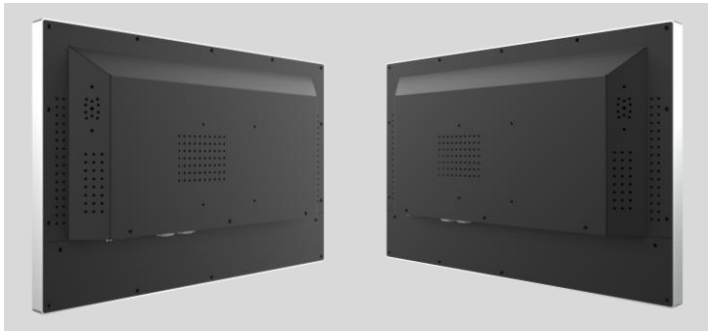
## 21.5 Inch

## 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 | Intel® Celeron® Processor J6412 |
| GPU | Intel® UHD Graphics for 10th Gen Intel® Processors, integrated in CPU |
| Memory | 1 x DDR4 SO-DIMM Slot, up to 32GB |
| Storage | 1 x mSATA Interface, 1 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 |
| COM | 1 x RS232 |
| 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 | 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 | 35W 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-RCB-0B00-A0D-1.0 | 10302020069R | 8GB RAM, 128GB mSATA SSD, 2 x 2W Built-in Speakers |

## 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<br>Output : 12V DC ± 5%/4.17A<br>DC Barrel Plug Pin Inner Diameter: 2.5mm |