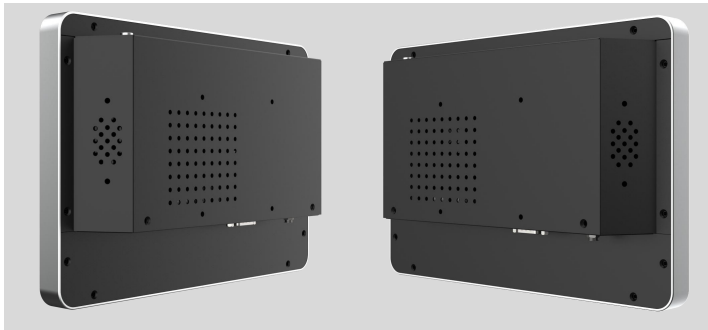# GENERAL Touch

10 Inch

Closed Frame Android AIO

ATL105

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	10 Inch Closed Frame Android AIO
Model	ATL105

Motherboard Parameters

SOC	Rockchip® RK3399
CPU	Dual-core Cortex-A72, up to 1.8GHz Quad-core Cortex-A53, up to 1.4GHz
GPU	Mali-T860
Memory	4GB, LPDDR4
Storage	32GB, eMMC
OS Support	Android 9.0
Wi-Fi & Bluetooth	Onboard Module
4G LTE	Mini PCI-e Module, optional

LCD Panel Parameters

Display Technology	Active Matrix TFT-LCD with LED Backlight	
Aspect Ratio	16:10	
Active Display Area (W x H)	216.96 mm x 135.60 mm	
Native Resolution	1280 x 800	
Response Time (Typ.)	30ms	
Display Colors	262k	
Luminance (Typ.)	400nits	
Contrast Ratio (Typ.)	900:1	
Viewing Angle (Typ.)	Horizontal (Left/Right) CR≥10	170° (85°/85°)
	Vertical (Up/Down) CR≥10	170° (85°/85°)

Touchscreen Parameters

Touch Technology	PCAP
Touch Point	10
Light Transmission	≥85%
Thickness	2.8mm ± 0.2mm

I/O Port	
LAN	1 x RJ45 (10/100/1000Mbps)
USB	3 x USB 2.0 (Type-A), 1 x USB 3.0 (Type-A)
COM	1 x RS232
Display	1 x HDMI out
4G LTE	1 x Nano SIM slot
Storage Expansion	1 x TF slot
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 75mm x 75mm
Outline Dimensions	261.3mm x 179.3mm x 50.0mm (W x H x D)
Speaker	2 x 2W Built-in, optional
Power Consumption	23W 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	441mm x 370mm x 178mm (W x H x D)
Weight	TBD
MTBF	50,000 Hours Demonstrated
Agency Approvals	CE, FCC
Warranty	2 years

Ordering Information

Part Name	Part Number	Description
ATL105-RC2-2B00-A04-1.0	10302010040R	4GB LPDDR4, 32GB eMMC, 2 x 2W Built-in Speakers,Wi-Fi&BT 2 in 1 Module

Optional Accessories

Part Name	Part Number	Description
US Power Cable	30301010010R	1.5m
EU Power Cable	30301010011R	1.5m
UK Power Cable	30301010018R	1.5m
Power Adapter	30207010005R	Input Voltage Range: 100V - 240V AC Output : 12V DC $\pm$ 5%/4.17A DC Barrel Plug Pin Inner Diameter: 2.5mm