GENERAL Touch

15.6 Inch

POE Windows AIO

CTL155

1	Power Switch	4	RS232	7	RJ45
2	12V DC input	5	USB3.0*2	8	Audio
3	VGA out	6	USB2.0*2	9	RJ45 (POE, IEEE802.3at Class 4 powered device)

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

- POE powered device
- 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	15.6 Inch POE Windows AIO
Model	CTL155
Motherboard Parameters	
Processor	Intel® Celeron® J6412
GPU	Intel® UHD Graphics for 10th Gen Intel® Processors, integrated in CPU
Memory	1 x SO-DIMM Slot, up to 32GB
Storage	1 x mSATA Interface, 1 x SATA3.0 Interface
Operating System	Windows 7/ Windows 8/ Windows 10/ Linux (Note 1)
LCD Panel Parameters	
Display Technology	Active Matrix TFT-LCD with LED Backlight
Aspect Ratio	16:9
Active Display Area (W x H)	344.16mm x 193.59mm
Native Resolution	1920 x 1080
Response Time (Typ.)	30ms
Display Colors	262k
Luminance (Typ.)	250nits
Contrast Ratio (Typ.)	800:1
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	≥83%
Thickness	2.4mm ± 0.3mm

I/O Port	
LAN	1 x RJ45 (10/100/1000Mbps with POE), 1 x RJ45 (10/100/1000Mbps)
USB	2 x USB 2.0 (Type-A), 2 x USB 3.0 (Type-A)
COM	1 x RS232
Display	1 x VGA out
Audio	1 x 3.5mm Line out, 1 x 3.5mm Mic in
Power	1 x RJ45 (POE, IEEE802.3at Class 4 powered device) 1 x DC Jack (Pin Outer Diameter 2.5mm, optional)

Overall Parameters	
Bezel/Case Colour	Silver/Black
Mounting Options	VESA 100mm x 100mm, 75mm x 75mm
Outline Dimensions	395.4mm x 243.4mm x 49mm (W x H x D)
Speaker	2 x 2W Built-in, optional
Power Consumption	25W 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	491mm x 430mm x 180mm (W x H x D)
Weight	3.79KG ± 10G
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.

Ordering Information

Part Name	Part Number	Description
CTL155-RCB-6B00-A0D-1.0	10302020083R	8GB RAM, 128GB mSATA SSD, 2 x 2W Built-in Speakers, POE (IEEE802.3at Class 4 powered device)

Optional Accessories

Part Name	Part Number	Description
Microsoft® Product Key	30208180002R	Windows 10 IoT Enterprise (OEM)