Request information

15.6 Inch

Industrial Panel PC

CTL155





General Touch's breed of Closed Frame Touch computer is characterized by its unified design with AL Alloy frame. This sleek and sturdy contraption is loaded with enticing features and options that cater to different requirements including operating on Windows and Linux platforms. Those versions utilize powerful Intel 11th Core i5 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 Vesa mounting 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.

For Industrial scenarios such as production lines, production control or data collection, GT's industrial Panel PCs are reliable companions for smooth and reliable performance that enhances production efficiency.

- Kiosk
- Vending Machine
- Industrial Automation

Features & Benefits

- Intel 11th Core i5 Processors
- Support Windows, Linux
- 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
- The diversity of interfaces include USB 3.0, RJ45, RS232, and HDMI

SPECIFICATIONS

Product Name	15.6 Inch Industrial Panel PC	
Model	CTL155	
Motherboard Parameters		
Processor	11th Generation Intel® Core™ i5 Mobile Quad-Core CPU	
GPU	Intel® Iris® Xe Graphics eligible, integrated in CPU	
Memory	1 x DDR4 SO-DIMM Slot, up to 64GB	
Storage	1 x SATA3.0 Interface, 1 x mSATA Interface, 1 x M.2 Interfaces	
OS Support	Windows 10/Windows11/Linux (Note 1)	
Wi-Fi & Bluetooth	Mini PCI-e Module, optional	
4G LTE	Mini PCI-e Module, optional	
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	16.7M	
Luminance (Typ.)	400nits	
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	≥85%	
Thickness	2.4mm ± 0.2mm	

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I/O Port	
LAN	2 x RJ45 (10/100/1000Mbps)
USB	4 x USB 3.0 (Type-A)
COM	1 x RS232
Display	2 x HDMI out
Audio	1 x 3.5mm Phone Jack，Line out/Mic 2 in 1
Antenna	1 x SMA-K, available on Wi-Fi & Bluetooth or 4G LTE model
Power	1 x DC Jack (Pin Outer Diameter 2.5mm)
Overall Parameters	
Bezel/Case Colour	Black
Mounting Options	VESA 100mm x 100mm
Outline Dimensions	388.6mm x 238.6mm x 46.8mm (W × H × D)
Input Voltage Range	12V DC ± 5%
Speaker	2 x 2W Built-in, optional
Power Consumption	72W 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.

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Ordering Information		
Part Name	Part Number	Description
CTL155-RCM-2B00-A0D-1.0	10302020104R	8GB RAM, 128GB mSATA SSD, 2 x 2W Built-in Speakers, WiFi&BT 2 in1 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

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