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## GreenTouch GT-TC101

# GreenTouch 10.1-inch Open Frame Android Touchscreen Monitor PC (Model GT-TC101) User Manual

Model: GT-TC101

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GreenTouch 10.1-inch Open Frame Android Touchscreen Monitor PC, Model GT-TC101. This industrial-grade all-in-one PC is designed for various applications requiring robust performance and interactive touch capabilities.

## 2. PRODUCT OVERVIEW

The GreenTouch GT-TC101 is a 10.1-inch open frame touchscreen monitor PC featuring an Android 11 operating system, RK3566 processor, 4GB RAM, and 32GB ROM. It is built for industrial environments, offering durability and reliable performance.

### Key Features:

- **Touch Ready:** Projected capacitive (G+G) 10-point touch solution for optical clarity and durability. Features 3mm tempered cover glass providing front IK08 vandal-proof degree.
- **Android 11 OS:** Equipped with RK3566 processor, 4GB RAM, and 32GB ROM, expandable via TF card. Supports various Android applications.
- **Multifunction All-in-One PC:** Integrated WiFi, Bluetooth, and built-in speakers. Suitable for industrial machines, self-service kiosks, and medical applications.
- **Commercial Grade:** Designed for reliability with rigorous testing, achieving 50,000 MTBF (Mean Time Between Failures).
- **Durability:** Industrial metal case with Acrylonitrile Butadiene Styrene front case and porous heat dissipation design.



Figure 2.1: Front and rear view of the GreenTouch 10.1-inch Open Frame Android Touchscreen Monitor PC.



Figure 2.2: Overview of key features including HD resolution, fast response, anti-interference, HDMI output, high temperature resistance, IP65 waterproof, IK08 explosion-proof, and Android 11.

## EXCELLENT PERFORMANCE

IP65 standard touch screen monitor



Water proof



Dust-proof



Explosion-proof



70°C



-20°C

High and Low  
Temperature Resistance



Day to Day  
High Traffic Work



Figure 2.3: Performance highlights including IP65 waterproof and dustproof, explosion-proof, high and low temperature resistance, and 24/7 operation capability.

### 3. SETUP

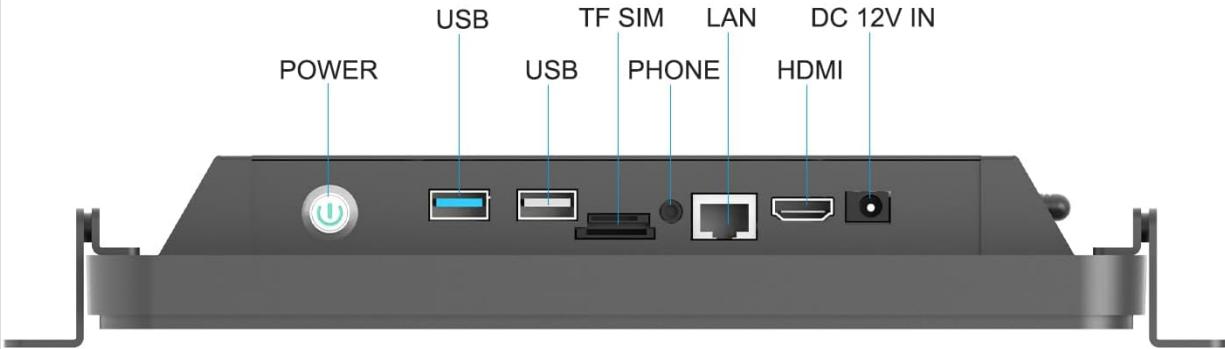
#### 3.1 Unboxing and Package Contents

Carefully unpack the monitor and verify all components are present. The package typically includes:

- GreenTouch 10.1-inch Open Frame Touchscreen Monitor PC
- Power Adapter
- Power Cord
- USB Cable
- HDMI Cable
- VGA Cable
- RJ45 Cable
- OSD Button (for external control)
- Mounting Screws

# PRACTICAL WIDE COMPATIBILITY

Rich interfaces to meet different needs



## IN THE PACKAGE



Product Manual

Adapter

Power Line

Figure 3.1: Typical package contents, including the product manual, power adapter, and power line.

Video 3.1: Unboxing process for a GreenTouch panel mount touch monitor, demonstrating how to safely remove the monitor and accessories from its packaging.

Video 3.2: Unboxing video for a GreenTouch 2C series touchscreen monitor, showing the careful removal of the device and its components.

### 3.2 Connecting the Monitor

Connect the necessary cables to the monitor's ports. The monitor features various interfaces:

- **DC 12V IN:** For power supply.
- **VGA:** Video input.
- **HDMI:** High-definition video input.
- **USB:** For touch functionality and peripheral connections.
- **LAN:** For network connectivity.
- **TF SIM:** For memory expansion.
- **Audio Input/Output:** For external audio devices.



Figure 3.2: Detailed view of the monitor's connection ports, including VGA, DVI, HDMI, USB, and audio ports.

### 3.3 Mounting Options

The open frame design allows for flexible installation. The monitor supports wall-mounted, embedded, or hanging installations. Ensure proper ventilation around the unit.

Video 3.3: A GreenTouch frame-closed touch screen monitor demonstrating its design and various installation possibilities, including wall-mounted and embedded setups.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off

Connect the power adapter to the DC 12V IN port and plug it into a power outlet. The monitor will typically power on automatically or can be turned on using the power button (if available, or via OSD controls).

### 4.2 Touchscreen Functionality

The monitor features a 10-point capacitive touchscreen. This allows for multi-touch gestures, providing a smooth and responsive user experience without jump points, break points, or blind spots.

## Touch Technology

Infrared 10 points touch, Multi-touch sense, stable and sensitive, giving you a smooth touch experience



Figure 4.1: Illustration of the multi-touch technology, showing smooth and sensitive touch response.

Video 4.1: Demonstration of the touch screen's responsiveness and multi-touch capabilities on a GreenTouch monitor.

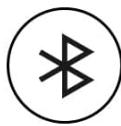
### 4.3 Android OS and Applications

The monitor runs on Android 11, providing access to a wide range of applications from the Google Play Store. You can download and use apps such as WhatsApp, G-mail, Skype, Disney+, Netflix, and YouTube.

# Google Play Store Can Download More APPs



WIFI



Bluetooth-compatible



Built-in speakers



1280\*800HD



Figure 4.2: The monitor's display showing the Google Play Store interface and various downloadable applications.



*Android 11*

Android 11 improves the performance of this all in one ,provide a more personalized experience for every user

**4GB RAM + 32GB ROM**

4GB RAM + 32GB ROM , it allows you to use the applications smoothly



Figure 4.3: Information on Android 11 operating system and the 4GB RAM + 32GB ROM configuration for smooth application usage.

## 5. MAINTENANCE

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### 5.1 Cleaning the Screen

To clean the touchscreen, use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner. Avoid using harsh chemicals, alcohol, or ammonia-based cleaners, as these can damage the screen coating. Ensure the monitor is powered off before cleaning.

### 5.2 General Care

- Keep the monitor in a well-ventilated area to prevent overheating.
- Avoid exposing the monitor to direct sunlight or extreme temperatures.
- Do not place heavy objects on the monitor.
- Regularly check cable connections to ensure they are secure.

## 6. TROUBLESHOOTING

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### 6.1 No Display

- Check if the power adapter is securely connected to the monitor and a working power outlet.
- Ensure the video cable (HDMI/VGA/DVI) is properly connected to both the monitor and the source device.
- Verify the source device is powered on and outputting a signal.

### 6.2 Touchscreen Unresponsive

- Ensure the USB cable for touch functionality is securely connected to the monitor and the host device.
- Restart the monitor and the connected device.
- Check for any physical obstructions or debris on the screen surface.

### 6.3 Network Connectivity Issues

- For Wi-Fi, ensure the monitor is within range of a strong Wi-Fi signal and the correct password is entered.
- For wired LAN, check the RJ45 cable connection and ensure the network is active.

## 7. SPECIFICATIONS

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Below are the technical specifications for the GreenTouch 10.1-inch Open Frame Android Touchscreen Monitor PC (Model GT-TC101):

Feature	Specification
Brand	GreenTouch
Model Name	GT-TC-1012C-RK3566-D4GS32G
Item Model Number	GT-TC101
Standing Screen Display Size	10.1 Inches
Screen Resolution	1280x800 Pixels
Max Screen Resolution	1280 x 800 Pixels
Operating System	Android 11
Processor Brand	Rockchip (RK3566)

Feature	Specification
Number of Processors	1
RAM	4GB
Flash Memory Size (ROM)	32 GB
Computer Memory Type	GDDR4
Memory Speed	1.8 GHz
Wireless Type	802.11n (WiFi), Bluetooth
Card Description	Integrated
Power Source	DC
Color	Black
Item Weight	4.84 pounds
Product Dimensions (LxWxH)	10.43 x 7.06 x 1.71 inches
Front Panel Protection	IK08 Vandal-proof, IP65 Waterproof/Dustproof

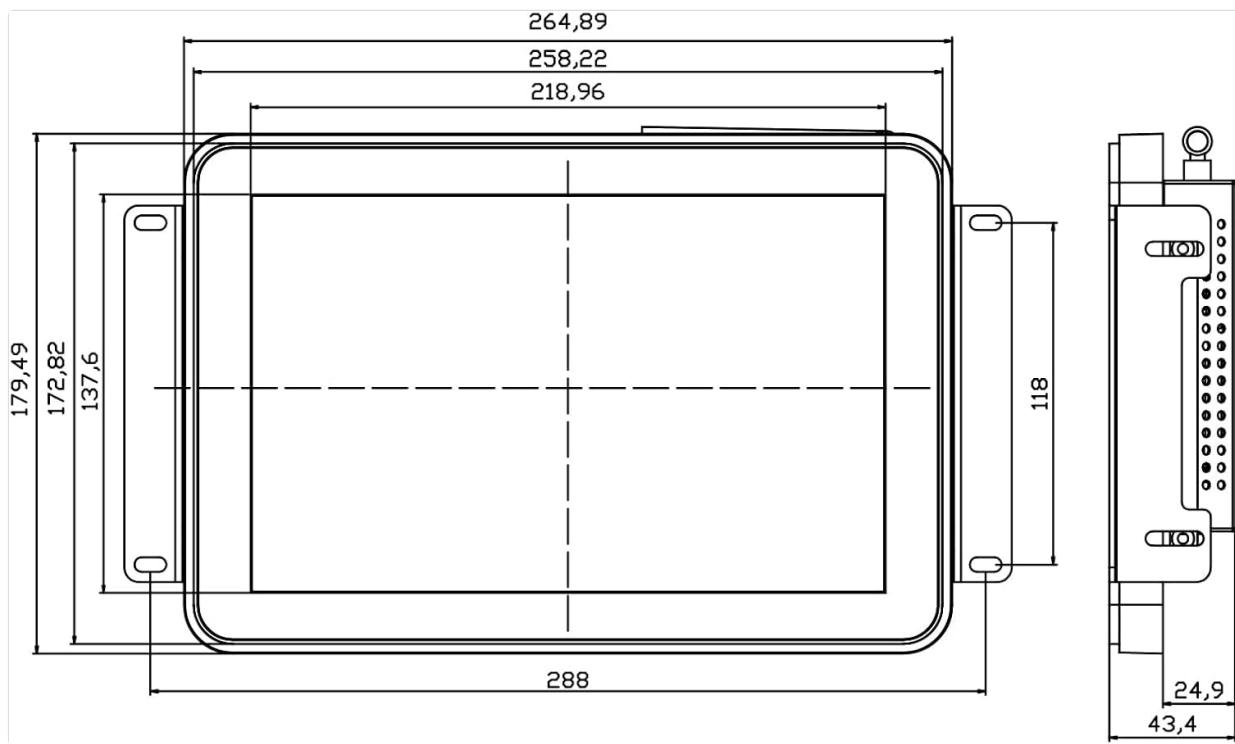
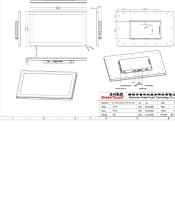


Figure 7.1: Dimensional drawing of the GreenTouch 10.1-inch monitor.

## 8. WARRANTY AND SUPPORT

GreenTouch products are designed for reliability and come with a standard manufacturer's warranty. For specific warranty details, technical support, or service inquiries, please refer to the warranty card included in your package or visit the official GreenTouch website. Keep your purchase receipt for warranty claims.

## Related Documents - GT-TC101

	<p><a href="#"><u>Greentouch 31.5-IN Rolling Fireplace with Infrared Electric Insert - Assembly, Care &amp; Use Manual</u></a></p> <p>This manual provides assembly, care, and operating instructions for the Greentouch 31.5-IN Rolling Fireplace with Infrared Electric Insert (Model # 1164FM-23-202). Learn how to safely install, use, and maintain your electric fireplace.</p>
	<p><a href="#"><u>Greentouch 2224HI-13-243 Infrared Electric Space Heater User Manual</u></a></p> <p>User manual for the Greentouch 2224HI-13-243 Infrared Electric Space Heater, covering safety instructions, operating procedures, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#"><u>GreenTouch GT-PM-2383M-CTW-HD-DP Technical Drawing and Specifications</u></a></p> <p>Technical drawing and dimensional specifications for the GreenTouch GT-PM-2383M-CTW-HD-DP monitor, detailing its physical layout, dimensions, and connection ports.</p>
	<p><a href="#"><u>Keyence GT Series Digital Contact Sensors: Features and Specifications</u></a></p> <p>Explore the Keyence GT Series of general-purpose digital contact sensors, highlighting their ease of use, durability, error-free operation, and cost reduction benefits. This document details sensor head and amplifier unit specifications, applications, and optional accessories.</p>
	<p><a href="#"><u>Zing DUO Player User Manual and Specifications</u></a></p> <p>User guide and technical specifications for the Zing DUO Player, covering setup, app usage, parental controls, and FCC compliance. Learn how to connect to WiFi and Bluetooth, manage content, and configure parental settings.</p>
	<p><a href="#"><u>Gaotu Flexible Solar Panels - Product Manual and Specifications</u></a></p> <p>Comprehensive product manual and specifications for Gaotu's high-efficiency flexible solar panels, including GT-SP and GT-DSP series. Discover technical details, performance data, and application suitability for renewable energy solutions.</p>

