

TouchWo TD173

TouchWo 17.3-inch Touchscreen Industrial Computer Monitor User Manual

Model: TD173

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your TouchWo 17.3-inch Touchscreen Industrial Computer Monitor. This versatile device is designed for various applications, including office, classroom, retail, and industrial environments, offering a responsive 10-point touch display with robust performance.



Figure 1.1: TouchWo 17.3-inch Touchscreen Industrial Computer Monitor in use, demonstrating its touch capabilities.

1.1 Product Overview

The TouchWo TD173 is a 17.3-inch industrial-grade touchscreen monitor featuring a 1080P display, powered by a Core i7 processor with 8GB RAM and a 512GB SSD, running Windows 11 Pro. Its 10-point capacitive touch screen allows for intuitive interaction, similar to a tablet. The monitor is designed with a true flat seamless design and an IP65 standard touch screen, making it suitable for demanding environments. It supports various connectivity options including USB, VGA, HDMI, LAN, and WiFi, and includes built-in speakers.

1.2 Package Contents

Please verify that all items listed below are present in your package:

- 1 x Touchscreen Smart PC
- 1 x Power Adapter
- 1 x Power Line (1.5m)
- 1 x Product Manual (this document)
- 1 x Wall-Mounted Bracket (standard)
- 1 x WiFi Antenna

SECURITY PACKAG



Packing box



Protective sponge



Product Manual



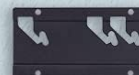
Power line



Adapter



WiFi antenna



Wall mount

Figure 1.2: Contents included in the product packaging.

1.3 Safety Information

To ensure safe operation and prevent damage, please read and adhere to the following safety guidelines:

- Do not expose the monitor to extreme temperatures or humidity.
- Use only the provided power adapter and power line.
- Avoid blocking ventilation openings.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Clean the screen with a soft, lint-free cloth. Avoid abrasive cleaners.

2. SETUP

2.1 Installation Methods

The TouchWo TD173 monitor offers flexible installation options to suit various environments. The standard package includes a wall-mounted bracket. Other bracket types (Simple Bracket, VESA Bracket, Desktop Folding Bracket, Desktop Stand) may need to be purchased separately.

- **Wall Mount:** Use the included wall-mounted bracket for secure installation on a vertical surface.
- **VESA Mount:** The monitor features 100x100 VESA holes, allowing compatibility with various VESA-compliant arms and stands.
- **Desktop Stand:** For desktop use, a compatible stand can be attached to the monitor.



Figure 2.1: Available installation methods for the monitor.

2.2 Connecting Peripherals

The monitor is equipped with multiple interfaces for connecting external devices:

- **USB Ports (4x):** Connect keyboards, mice, external storage, or other USB devices.
- **VGA & HDMI:** For video input from external sources if using the monitor as a display only.

- **LAN (Ethernet):** For wired network connectivity.
- **WiFi & Bluetooth:** Built-in wireless connectivity for internet access and pairing Bluetooth devices.
- **3.5mm Audio & Mic Jack:** For connecting external headphones, speakers, or microphones.

To connect the WiFi antenna, screw it into the designated port on the back of the monitor until secure.

2.3 Initial Power-On

1. Connect the power adapter to the monitor's power input port.
2. Plug the power line into a suitable electrical outlet.
3. Press the power button, usually located on the side or back of the monitor.
4. The monitor will boot up, displaying the Windows 11 Pro operating system. Follow the on-screen prompts for initial Windows setup if this is the first use.

3. OPERATING INSTRUCTIONS

3.1 Touchscreen Functionality

The TouchWo monitor features advanced 10-point capacitive touch technology, allowing for precise and responsive interaction. No additional drivers are required for basic touch functionality.

- **Single Tap:** Functions like a mouse click to select items or open applications.
- **Double Tap:** Opens files or folders, similar to a double-click.
- **Drag:** Touch and hold an item, then move your finger to drag it across the screen.
- **Pinch-to-Zoom:** Use two fingers to pinch in (zoom out) or spread out (zoom in) on images, maps, or documents.
- **Multi-finger Gestures:** The 10-point touch supports various multi-finger gestures for navigation and control within Windows 11 and compatible applications.

10-POINT TOUCH TECHNOLOGY

Using project-type capacitive touch positioning technology,
fast response, high accuracy



Figure 3.1: Demonstrating 10-point touch screen interaction.

TD Series Touchscreen HD Monitor



Touch Screen

10 Point Touch



1920*1080

Resolution



IPS Screen Panel

178° Viewing Angle



HD-MI/USB

Bluetooth-compatible



Built-in Speakers

Convenient and quick



Headphone Jack

Clear sound quality

Figure 3.2: Common touchscreen gestures for interaction.

3.2 Usage Scenarios

The TouchWo TD173 is a versatile smart PC suitable for a wide range of applications:

- **Industrial Control:** Ideal for factory automation, monitoring systems, and interactive displays in industrial settings.
- **Retail & POS:** Can be integrated into Point-of-Sale (POS) systems, interactive kiosks, or menu screens in restaurants and bars.
- **Office & Classroom:** Functions as a smart board for presentations, collaborative work, or general computing tasks.
- **Security Monitoring:** Can serve as a CCTV monitor for security camera systems.
- **Self-Service Kiosks:** Suitable for interactive information points or self-service terminals.

Multiple Usage Scenarios

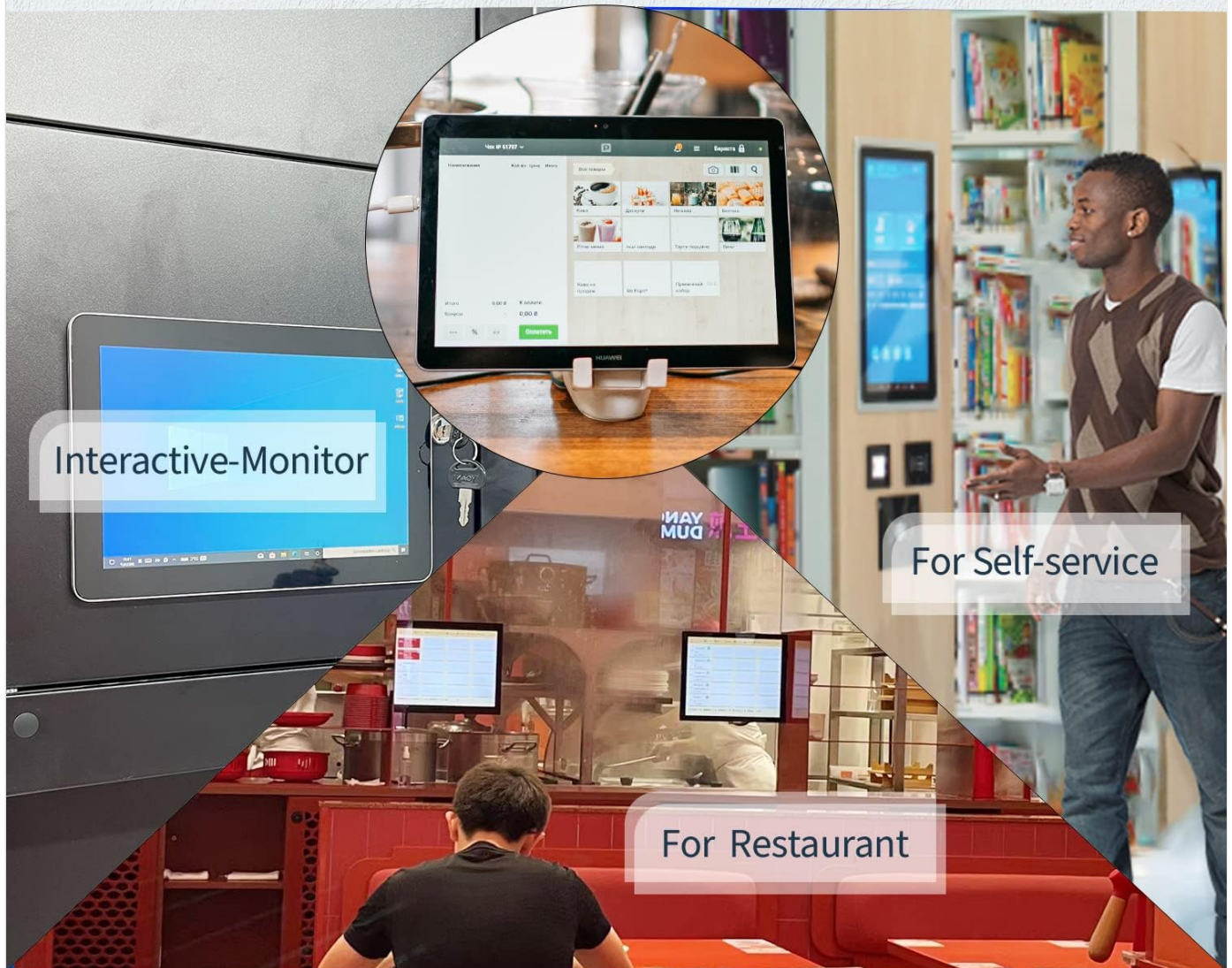


Figure 3.3: Examples of multiple usage scenarios for the monitor.

Only Touchscreen Monitor



Figure 3.4: Diverse applications of the TouchWo monitor in different environments.

4. MAINTENANCE

4.1 Cleaning the Monitor

Regular cleaning helps maintain the monitor's performance and appearance. The IP65 standard touch screen offers protection against dust and water splashes.

- **Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-specific cleaning solution. Do not spray liquid directly onto the screen.
- **Body:** Use a soft, dry cloth to wipe the aluminum alloy frame and back-shell.
- **Avoid:** Do not use abrasive cleaners, alcohol, ammonia, or benzene-based solvents, as these can damage the screen or finish.

4.2 General Care

- Ensure proper ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.
- Protect the monitor from direct sunlight and heat sources.
- When moving the monitor, handle it carefully to avoid drops or impacts.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. If the problem persists, please contact customer support.

Problem	Possible Cause	Solution
Monitor does not power on.	No power, faulty power adapter/cable, or power button issue.	<ul style="list-style-type: none"> • Check if the power cable is securely connected to both the monitor and the power outlet. • Ensure the power outlet is functional. • Verify the power adapter is working correctly. • Press the power button firmly.
Touchscreen is unresponsive or inaccurate.	Screen dirty, calibration needed, or software issue.	<ul style="list-style-type: none"> • Clean the screen thoroughly with a soft cloth. • Restart the monitor. • In Windows, go to Control Panel > Tablet PC Settings > Calibrate the screen for pen or touch input. • Ensure no foreign objects are on the screen.
No display/black screen.	Power issue, input source not selected (if external), or system crash.	<ul style="list-style-type: none"> • Check power connection (see "Monitor does not power on"). • If connected to an external source, ensure the correct input (HDMI/VGA) is selected. • Perform a hard restart by holding the power button until the unit turns off, then power on again.
No sound from speakers.	Volume too low, muted, or audio driver issue.	<ul style="list-style-type: none"> • Check the volume level in Windows and ensure it's not muted. • Verify that the correct audio output device is selected in Windows sound settings. • Restart the monitor.

6. SPECIFICATIONS

Detailed technical specifications for the TouchWo 17.3-inch Touchscreen Industrial Computer Monitor (Model TD173):



Brand	TouchWo	Angle of Viewing	170°
Screen Size	17.3inch	Resolution	1920 x 1080
Built-in Speaker	Yes	Brightness	250 cd/m2
Aspect Ration	16:9	Contrast Ratio	1000:1
Refresh Frequency	60 Hz	Weight	6.7 lb

Figure 6.1: Dimensions and key specifications of the monitor.

FEEL FREE TO REACH US FOR ANY ASSISTANCE

- 1 Feel free to reach us for any assistance
- 2 Official Email: touchwoamz@outlook.com
- 3 Bulk or custom orders? Reach us!
- 4 We will answer you within 24 hours



Figure 6.2: Overview of TD Series Touchscreen HD Monitor features.

Android/ Windows All-in-One Tablet



Figure 6.3: Performance and durability features of the monitor.

Feature	Specification
Model Number	TD173

Feature	Specification
Screen Size	17.3 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Aspect Ratio	16:9
Brightness	250 cd/m² (250 lm)
Contrast Ratio	1000:1
Viewing Angle	178°
Touch Technology	10 Points Capacitive Touch
Operating System	Windows 11 Pro (Core i7, 8GB RAM, 512GB SSD configuration)
Connectivity	4x USB, VGA, HDMI, LAN, WiFi, Bluetooth, 3.5mm Audio & Mic Jack
Built-in Speakers	Yes
IP Rating	IP65 (Front Panel)
Product Dimensions	1.5 x 17 x 10.7 inches
Item Weight	6.7 pounds
Voltage	12 Volts (DC)
Certifications	FCC, CE, RoHS

7. WARRANTY AND SUPPORT

7.1 Warranty Policy

TouchWo offers a one-year warranty for this touchscreen monitor, covering manufacturing defects and malfunctions under normal use. The factory holds ISO9001 quality management certification, ensuring product quality.

For warranty claims, please retain your proof of purchase. The warranty does not cover damage caused by misuse, accidents, unauthorized repairs, or natural disasters.

7.2 Customer Support

For any assistance, technical support, or inquiries, please feel free to reach out to TouchWo customer service. We are committed to providing 24/7 online customer support.

- **Official Email:** touchwoamz@outlook.com
- **Amazon Seller Page:** For more information or to contact the seller directly, visit the [TouchWo Seller Page on Amazon](#).
- **Bulk or Custom Orders:** Please reach out to the provided email for inquiries regarding bulk purchases or custom orders.

Excellent performance

IP65 standard touch screen monitor



Water proof



Dust-proof



Explosion-proof



High and Low
Temperature Resistance



Day to Day
High Traffic Work




Figure 7.1: Contact information for customer assistance.

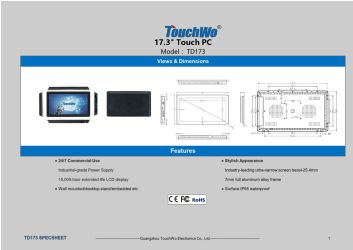
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Related Documents

	<p>TouchWo HD65 65-inch Commercial Touch PC Datasheet</p> <p>Technical specifications and features for the TouchWo HD65, a 65-inch commercial touch PC designed for 24/7 use with an industrial-grade power supply, ultra-narrow bezel, and IP65 waterproof rating.</p>
	<p>21.5 Inch Touch All-in-One Machine (Model HD215AA) - TouchWo Product Catalog</p> <p>Detailed product catalog for the TouchWo 21.5 Inch Touch All-in-One Machine (Model HD215AA). Features, technical specifications, interface details, physical dimensions, installation guides, and warnings.</p>
	<p>TouchWo HD65 65-inch Touch Monitor - Technical Specifications & Features</p> <p>Comprehensive technical specifications for the TouchWo 65-inch HD65 Touch Monitor. This document details features like 24/7 commercial use, industrial-grade power supply, and IP65 waterproofing, alongside LCD and touch panel specifications, operational environment, dimensions, power requirements, and external connectors. Ideal for digital signage and interactive displays.</p>

	<p>TouchWo HD65 65-inch Android Touch PC - Technical Specifications</p> <p>Detailed specifications for the TouchWo HD65, a 65-inch Android Touch PC designed for commercial use, featuring industrial-grade components, a high-resolution display, and versatile mounting options.</p>
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Documents - TouchWo – TD173

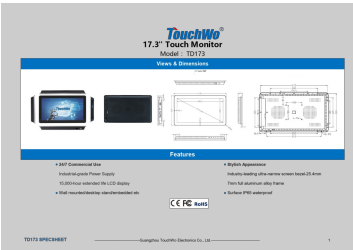


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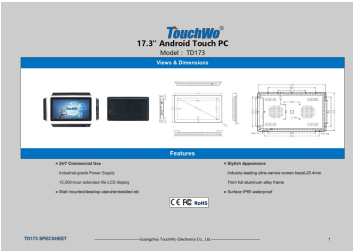


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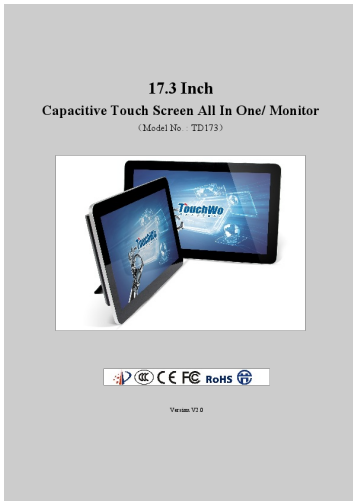
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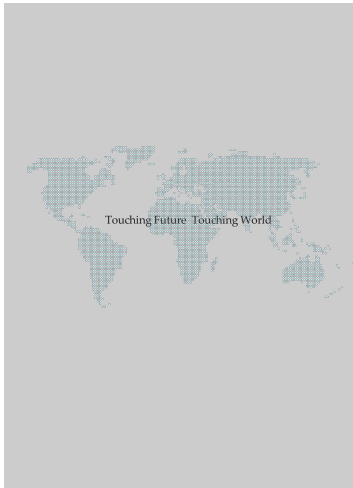
[pdf] Specifications

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[pdf] Datasheet Catalog

Administrator 17 3 Inch TD173 A01 tag datasheet crkennedy co nz ts1616531334 attachments Product 26068 17.3 Inch Capacitive Touch Screen All In One/ Monitor Model No. :**TD173** Version V2.0 Catalog 1Product overview1 1.1 Introduction lang:en score:25 filesize: 1.36 M page_count: 12 document date: 2019-09-09



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