Samsung WM85B

Samsung Pro 85-inch 4K WMB Interactive Display User Manual

Model: WM85B

Introduction

This manual provides essential information for the safe and efficient use of your Samsung Pro 85-inch 4K WMB Interactive Display. This interactive touchscreen display is designed to enhance collaboration and productivity in various environments, offering 4K resolution, multi-touch capabilities, and versatile connectivity. Please read this manual thoroughly before operating the device and retain it for future reference.

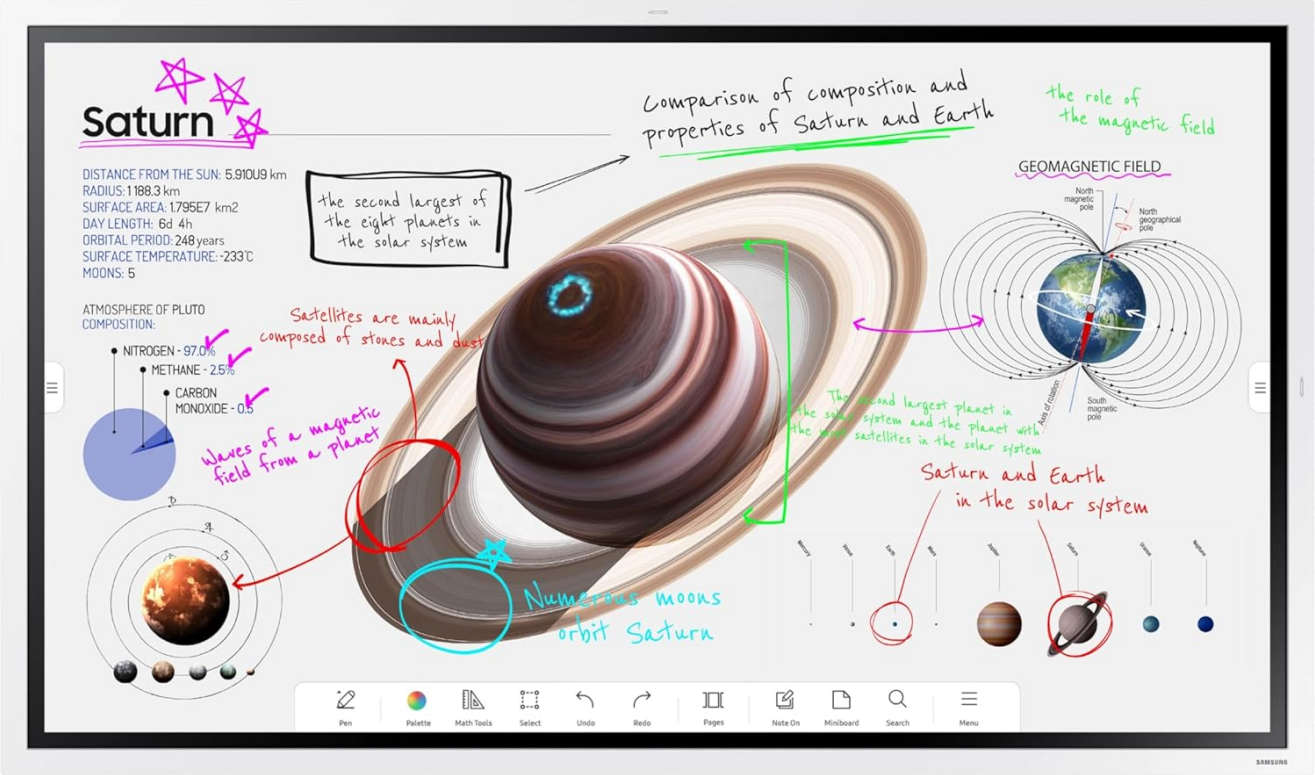


Image: The Samsung Pro 85-inch 4K WMB Interactive Display showcasing an educational diagram of the solar system with interactive annotations.

What's in the Box

Verify that all items are present in the product packaging:

- Samsung Flip 2 WM85B Interactive Display
- AC adapter/power supply
- MAJ USB C Dock
- Stylus Pen
- Quick Start Guide (this document)

Setup

Physical Installation

The display can be mounted on a wall or placed on a compatible stand (sold separately). Ensure the mounting surface or stand can support the display's weight of 91.63 kilograms. The display features rear handles for easier movement and positioning.



Image: Rear view of the display, highlighting the integrated handles designed for safe and convenient relocation.

Connecting Power

Connect the provided AC adapter to the display's power input and then to a suitable power outlet. Press the power button located on the front panel to turn on the display.

Connectivity Options

The display offers various ports for connecting external devices:

- **USB Ports:** USB 3.0, USB 2.0, USB Type-C (for data, audio, video transfer, touch control, and 15W external device charging).
- **HDMI Ports:** Two HDMI inputs for video and audio.

- **Ethernet:** For network connectivity.
- **OPS Slot:** For optional Open Pluggable Specification modules.
- **3.5mm Audio:** For external audio devices.
- **Bluetooth:** For wireless peripheral connections.

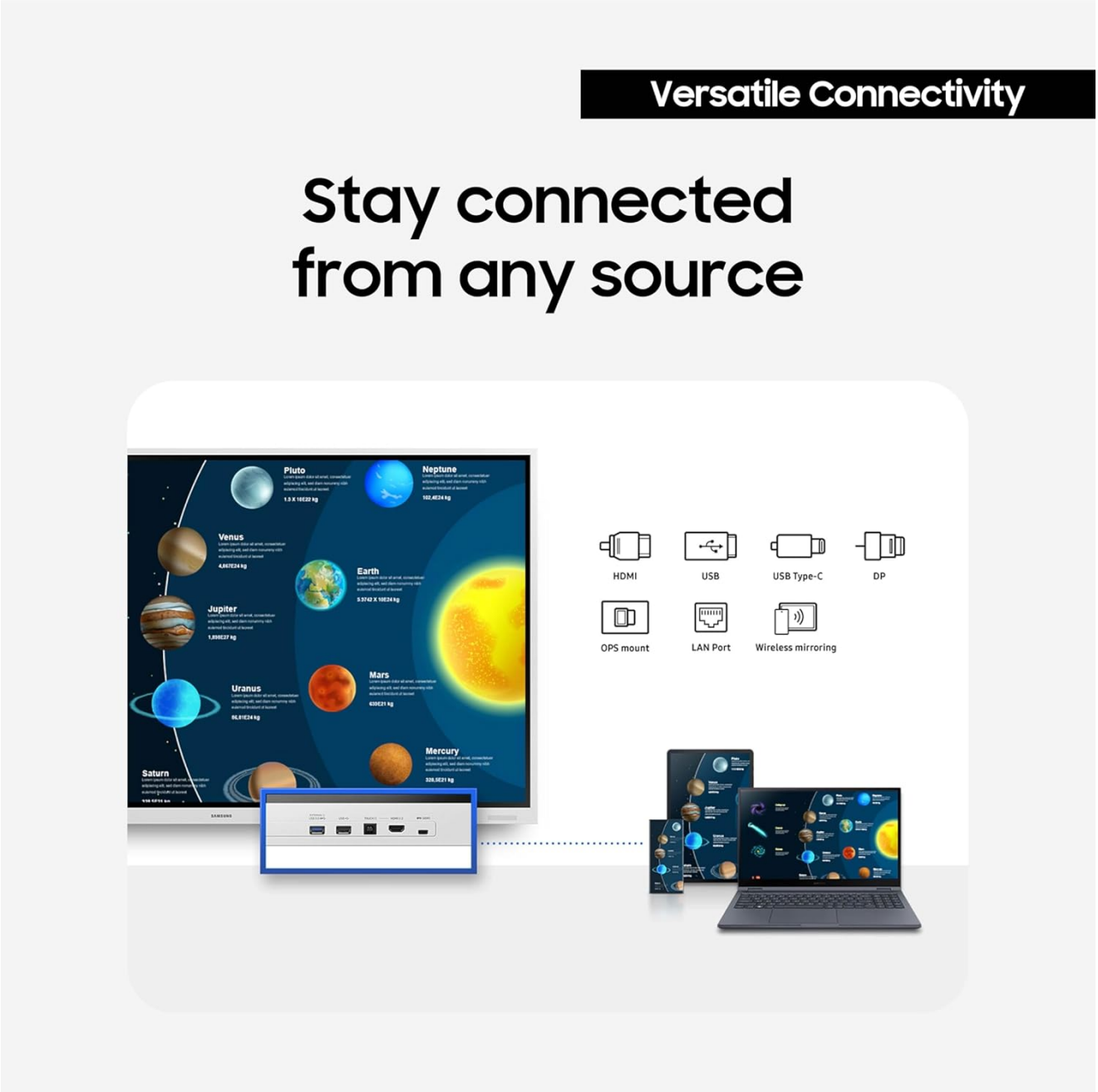


Image: A detailed view of the front panel ports, showing USB 3.0, USB 2.0, Touch Out, HDMI, and USB Type-C connections.



Image: A diagram demonstrating how a single USB-C cable can connect a laptop to the display for power, data, video, and touch control, simplifying setup compared to conventional connections.

Operating Instructions

Touchscreen Interaction

The display supports up to 20 simultaneous touchpoints, allowing multiple users to interact with the screen at once. The responsive multi-touch technology provides a smooth and natural experience.

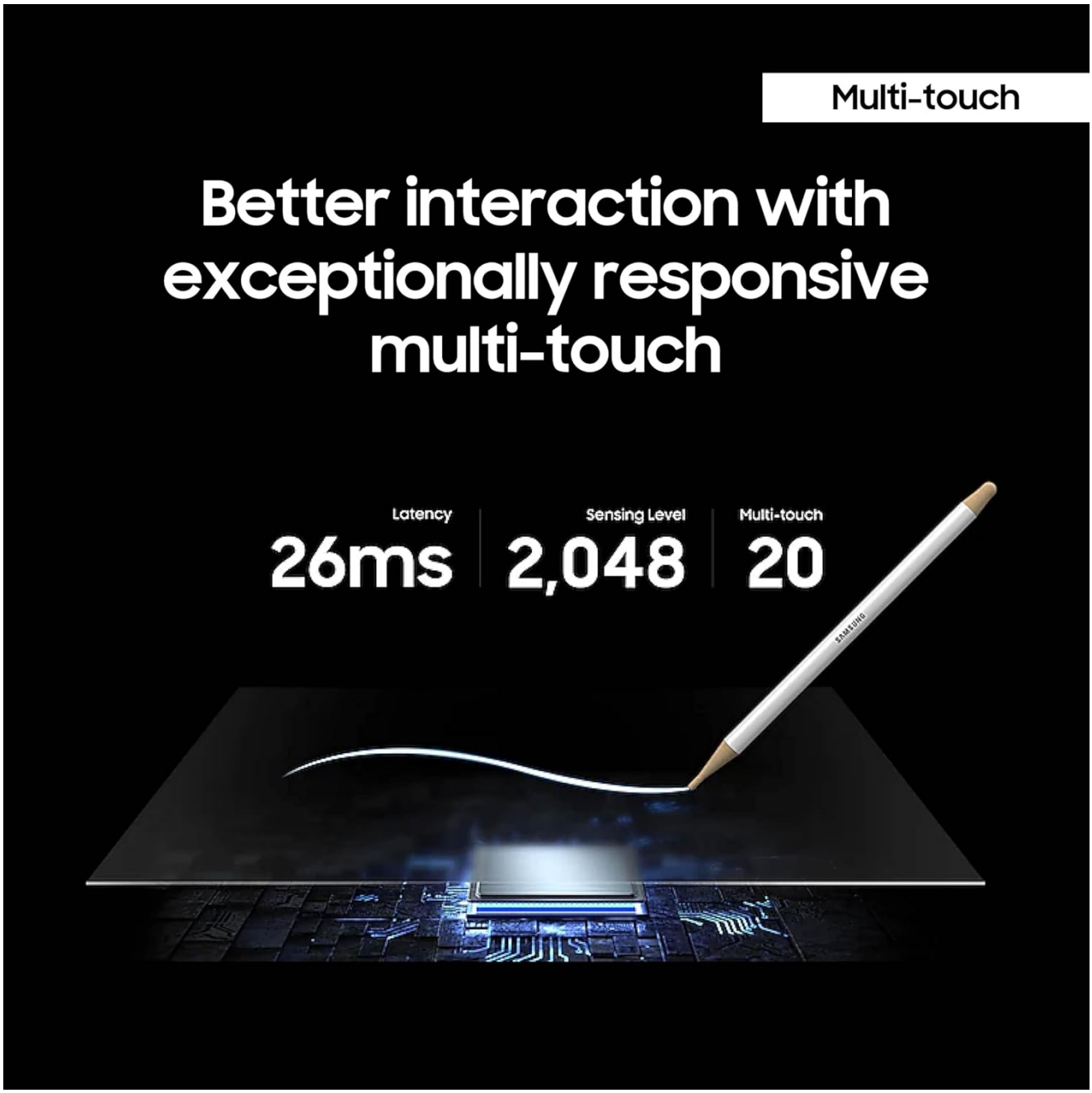


Image: A visual representation of the display's multi-touch performance, highlighting low latency and high sensing levels for precise interaction.

Writing and Drawing

Utilize the included stylus or your finger for a realistic writing and drawing experience. The display features pen and brush modes, flexible erasing options, and customizable templates to facilitate creative expression.

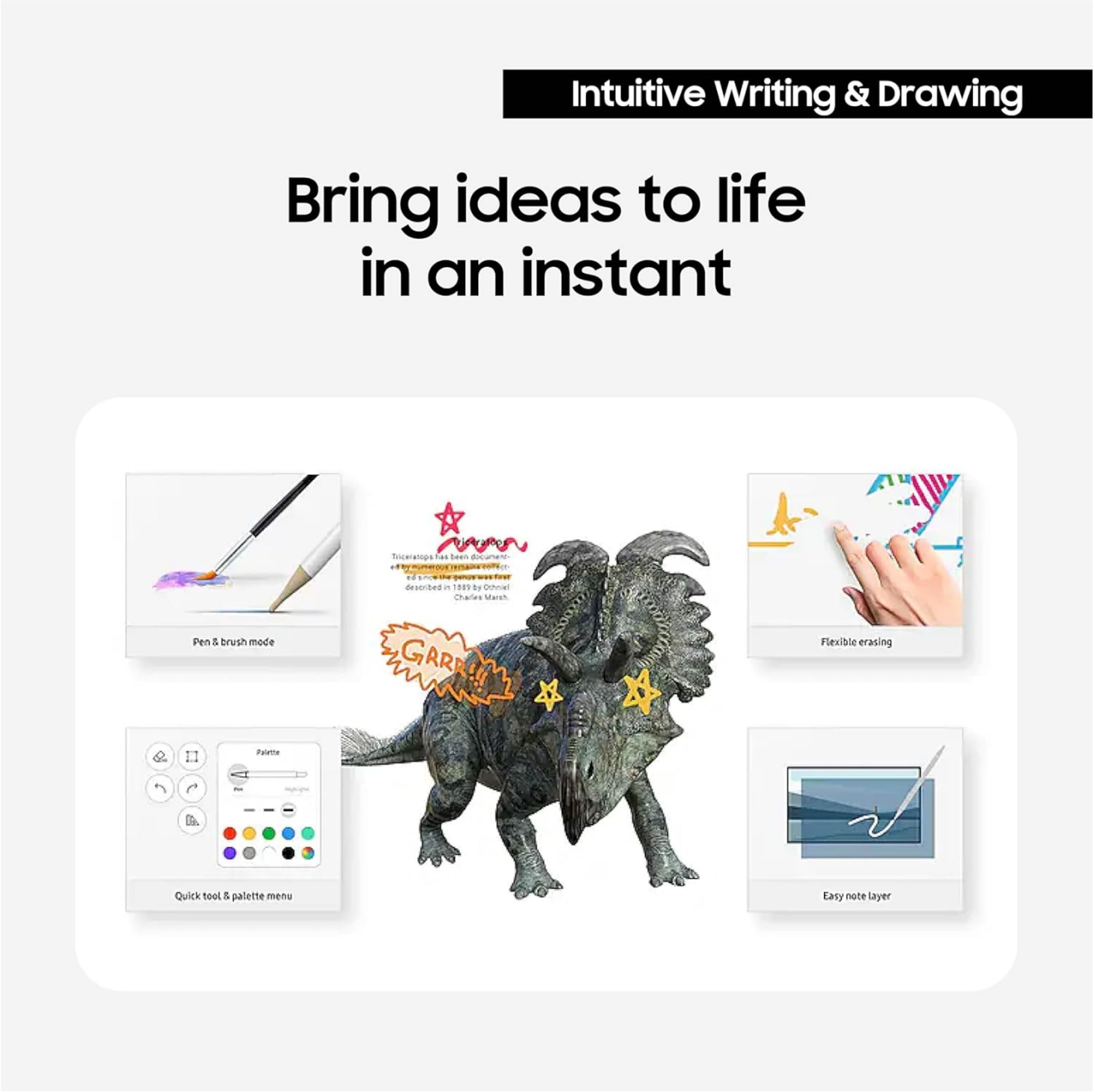


Image: The display's interface for intuitive writing and drawing, showcasing various tools like pen/brush mode, flexible erasing, and a quick tool & palette menu.

SmartView+ Wireless Sharing

SmartView+ allows wireless connection of up to 50 devices, enabling simultaneous viewing of up to six screens. This feature is ideal for collaborative environments, facilitating easy content sharing from various devices.

Universal Pairing and AirPlay 2

The display supports universal pairing, allowing content casting from devices including Apple and Google products. AirPlay 2 integration enables educators and students to present content from Apple devices onto the large screen.

Workspace and Applications

Access a secure Workspace powered by Knox, providing access to remote PC, network drive, and third-party applications such as Microsoft Office 365, VMware Horizon, and MimioConnect. This ensures an efficient and uninterrupted workflow.

Video Conferencing

The Interactive Pro supports simple and seamless video conferencing via WebRTC (Real Time Communication) API.

Compatible webcams (e.g., Logitech C930e, C922x, C925E, C920s, C920-C, C950C, Logitech Stream Cam) can be connected (webcam sold separately).

MagicINFO Remote Management

Utilize Samsung's MagicINFO Remote Management solution to push content, alerts, and important updates from a school information system directly to the display, keeping users informed.

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Video: An overview of the Samsung WMB Interactive Pro Display, demonstrating its features in an educational setting, including multi-touch, writing tools, connectivity, and smart solutions.

Maintenance

The Samsung Interactive Display features protective screen technology, including a built-in Antimicrobial Coating to inhibit microbial growth and a proprietary shatterproof film to ensure the screen remains intact in the event of a break. For cleaning, use a soft, lint-free cloth. Avoid abrasive cleaners or solvents.

Troubleshooting

If you encounter issues with your display, please refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the display and the power outlet. Verify the power outlet is functional.
- **No Display:** Check all video input cables (HDMI, USB-C) are properly connected. Ensure the correct input source is selected on the display.
- **Touchscreen Unresponsive:** Disconnect and reconnect any USB touch cables. Restart the display and the connected device.
- **No Audio:** Check volume settings on both the display and the connected device. Verify audio cables are correctly connected if using external speakers.
- **Wireless Connectivity Issues:** Ensure Wi-Fi and Bluetooth are enabled on both the display and the connecting device. Check network settings and signal strength.

For further assistance, please contact Samsung customer support.

Specifications

Feature	Specification
Brand	Samsung
Model Number	WM85B
Screen Size	85 Inches
Resolution	4K (3840 x 2160)
Display Type	LED
Refresh Rate	60 Hz
Contrast Ratio	4000:1

Feature	Specification
Response Time	8 Milliseconds
Connectivity Technology	USB, HDMI, Ethernet, OPS slot
Hardware Connectivity	3.5mm Audio, Bluetooth, HDMI, USB, USB Type C
Built-in Speakers	Yes (40W)
Item Weight	91.63 Kilograms
Item Dimensions (D x W x H)	3.5"D x 76.61"W x 45.32"H
Color	Light Gray

Warranty and Support

This Samsung Interactive Display comes with a 3-year warranty, with a 6-year manufacturer's warranty description. For warranty claims, technical support, or service inquiries, please contact Samsung customer service through their official website or support channels. Keep your purchase receipt and product serial number handy for faster service.