



Samsung WAF Series

Interactive Display

WA65F · WA75F · WA86F

Practical Setup, Deployment & User Guide

A plain-English companion prepared by Kickstart Computers

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1. Welcome

Whether you're installing a Samsung WAF Series interactive display in a classroom, meeting room or training space, this guide walks you through the setup process in plain English. It focuses on the tasks most owners perform during installation and everyday use, without the hundreds of pages of technical information found in the manufacturer's manual.

The WAF series runs Android with full Google EDLA certification — meaning it ships with the Google Play Store, Google Meet, Google Drive and the wider suite of Google apps ready to install. Unlike many lower-cost interactive displays that rely on sideloaded apps or manufacturer-only app stores, the WAF series is a genuine Google-certified device you can manage the same way you manage Chromebooks or Android tablets.

Supported Models

WA65F	65" Class (64.5") — 1428 × 803 mm active area
WA75F	75" Class (74.5") — 1649 × 927 mm active area
WA86F	86" Class (85.6") — 1895 × 1065 mm active area

NOTE

Recommended daily use is under 12 hours. Running the display longer than this on a regular basis may void the manufacturer warranty.

2. Before You Install

What's in the Box

Before mounting anything, confirm all items are present:

- Power cord
- HDMI cable
- USB cable
- Touch pens × 2 (magnetic — store these attached to the marked location on the display frame)
- Remote control with 2 × AA batteries
- Quick Setup Guide (Samsung's abbreviated version)
- Warranty card (not included in all regions)

TIP

The touch pens are calibrated for the WAF screen surface. Using any other pen — including standard styluses or ballpoint pens — risks screen damage and ink staining. Store the supplied pens in the magnetic holder on the bezel when not in use.

Wall Requirements

The WAF series is wall-mount only — there is no integrated floor stand. Key requirements before installation:

- Mount to a solid, flat wall perpendicular to the floor. Slanted or uneven surfaces create a fall risk.
- Always use two people to lift and position the display.
- Have a qualified technician install the wall bracket.
- The wall mount kit is not included — it is available as an optional Samsung accessory or through a compatible third-party supplier.

VESA Mounting Summary

WA65F	600 × 400 mm · M8 screws · 23–25 mm depth
WA75F	800 × 400 mm · M8 screws · 23–25 mm depth
WA86F	800 × 600 mm · M8 screws · 23–25 mm depth

Ventilation

Inadequate ventilation is one of the most common causes of display overheating. Allow the following minimum clearances:

- Standard wall installation: at least 30 mm gap behind the display.
- Recessed wall: at least 30 mm behind and 25 mm each side.
- Ambient temperature at the installation point must not exceed 35°C.
- Never install inside a closed cabinet or bookcase without active ventilation.
- Do not block vents with curtains, tablecloths or other objects.

Power

The WAF series runs on standard Australian 240V power — no converter needed. Use only the supplied Samsung power cord and a dedicated power socket where possible.

IMPORTANT

The Master Switch on the rear panel must be turned ON after connecting power. The front power button will not work until the Master Switch is on. This catches a lot of people on first setup.

3. Ports Explained

The WAF series has ports on two locations: the rear panel (used for permanent infrastructure) and the front tray (used for day-to-day connections). Knowing which port to use prevents most connection frustration.

Rear Panel Ports

HDMI 1 (rear)

Output — connects the WAF display to a downstream screen, projector or capture device. Use this to mirror the WAF to a second display in the room.

HDMI 2 (rear)

Input — connects a laptop or desktop PC to the WAF display. The standard connection for Windows computers without USB-C video output.

TOUCH 2 (rear)

Pairs with HDMI 2. Connects via USB to the PC and carries touch data back — turning the WAF into a touch monitor for that PC. Use the supplied USB cable between this port and the PC.

USB 2.0 × 2 (rear)

Standard USB for USB drives and peripherals. Maximum 1.0A current — avoid high-draw devices without external power.

LAN (rear)

Gigabit Ethernet (1000 Mbps). Two RJ45 sockets — upper port is input from your network, lower port passes through to another device. Use wired where possible for reliability.

OPS Slot (rear)

Accepts an optional Intel OPS Windows PC module that installs internally and runs from the display's power. See Section 9 for details.

RS-232C (rear)

Serial debug port for technician diagnostics. Not used in normal operation.

Front Tray Ports

HDMI 1 (tray)

Input — front-accessible HDMI for quick laptop connections in meeting rooms.

TOUCH 1 (tray)

Pairs with tray HDMI 1. Same function as TOUCH 2 on the rear — returns touch signal to the connected PC.

USB-C (tray)

The most capable single connection on the display. One cable from a compatible laptop delivers video to the WAF screen, touch control back to the laptop, and up to 65W charging. Requires a DP Alt Mode USB-C cable, 1 m or shorter.

USB 3.0 × 2 (tray)

Faster USB ports for drives and peripherals. Same 1.0A current limit applies.

★ Kickstart Tip

If you're purchasing laptops for a meeting room or classroom, choose models that support DisplayPort Alt Mode over USB-C. A single cable then handles video, touch control and laptop charging simultaneously — eliminating the need for separate HDMI and USB cables and making the room significantly easier to use.

4. First Time Setup

Follow these steps in order when powering on the display for the first time. Skipping the Google sign-in or software update step can create problems that are harder to fix later.

Step 1 Connect power and turn on the Master Switch

Plug in the power cord and flip the Master Switch on the rear panel to ON. The power indicator will activate. The display will not respond to the front button until this switch is on.

Step 2 Press the front Power Button

A short press starts the display. The Android home screen loads. First boot may take slightly longer than subsequent starts.

Step 3 Set language and time

Go to Settings → System → Language to set your preferred language. Under Settings → System → Date & Time, set your timezone and enable "Set time automatically."

Step 4 Connect to your network

Wi-Fi: Settings → Network & Internet → Wi-Fi. Select your network and enter the password. Ethernet: plug a LAN cable into the rear LAN port — if your network uses DHCP (standard for most sites), the display connects automatically.

Step 5 Sign in to Google

Open the Play Store and sign in with a Google account. For organisational deployments, use a managed Google Workspace or Google Workspace for Education account — this enables remote app management and policy control.

Step 6 Check for software updates

Settings → System → System Update. Install any available updates before deploying the display. The display will restart automatically after updating.

Step 7 Name the device

Under Settings → About, set a meaningful device name (e.g. "Boardroom Display" or "Room 4 WAF86"). This makes it identifiable in Google Admin Console or your MDM platform.

IMPORTANT

Do not turn the display off during a software update. It will cycle off and on automatically — this is normal. Interrupting an update can corrupt the firmware and require a factory reset.

5. Connecting to Your Network

Wired (Ethernet) — Recommended

Ethernet is always the better choice for a display of this size. Screen sharing, video calls and software updates all perform more reliably on a wired connection. Most networks assign an IP address automatically (DHCP) — plug in the cable and you're connected.

If your network uses fixed IP addresses (common in schools and corporate environments), your IT administrator will provide the IP address, subnet mask, gateway and DNS details. Enter these under Settings → Network & Internet → Ethernet and select Enter Manually for IP settings.

Wi-Fi

For the best wireless performance, connect to a modern 5 GHz Wi-Fi network wherever possible. The 5 GHz band is faster and less congested than 2.4 GHz, which makes a noticeable difference for wireless screen sharing and video calls.

To connect: Settings → Network & Internet → Wi-Fi. Select your network from the list, enter the password and tap Connect. The WAF series supports standard WPA2 networks as well as enterprise certificate-based Wi-Fi used in many corporate and school environments.

★ Kickstart Tip

If wireless screen sharing drops out frequently, the culprit is almost always the Wi-Fi network rather than the display itself. Before troubleshooting the display, check that both the display and the sharing device are on 5 GHz Wi-Fi and that the access point is within reasonable range.

Hotspot and Tethering

The display can share its network connection with other devices via Wi-Fi hotspot, USB or Bluetooth tethering. Useful for temporary setups where the display has Ethernet access and you need to extend that to other devices. Access via Settings → Network & Internet → Hotspot & Tethering.

6. Google EDLA

What is EDLA and Why Does It Matter?

EDLA stands for Enterprise Device Licensing Agreement — Google's certification program for Android devices used in business and education. Without EDLA, many Android interactive displays cannot officially access Google Play and rely instead on manufacturer app stores or manually installed APK files. This creates real practical problems: apps may be outdated, unavailable, or impossible to manage remotely.

With EDLA certification, the WAF series provides full access to the Google Play Store and supports managed deployment through Google Workspace — making it straightforward to install, update and manage applications across multiple displays from a central admin dashboard, the same way you'd manage a fleet of Chromebooks.

Account Types

Sign in via the Play Store with one of the following account types:

- **Personal Google account (gmail.com):** Fine for individual use. Not recommended for organisational deployments because it offers no central management.
- **Google Workspace:** A managed account under your organisation's domain. Allows central app deployment and policy control via Google Admin Console.
- **Google Workspace for Education:** Same as Workspace, tailored for schools. Includes student data protections, education-specific app controls and Chromebook-style management.

Installing Apps

Once signed in, search and install apps from the Play Store exactly as you would on an Android phone. Apps well-suited to large-format displays include:

- Microsoft Teams, Zoom, Google Meet — video conferencing
- Canva, Google Slides — presentation and design
- Pear Deck, Nearpod — education-specific interactive tools
- ScreenCloud, Fugo — digital signage for lobbies and corridors
- Chrome — browser access to any web-based tool

★ Kickstart Tip

For multi-display deployments, apps can be pushed remotely via Google Admin Console without touching each display individually. Set up your first display correctly, enrol it in Admin Console, and use that as the template for all subsequent displays.

Remote Management (MDM)

Because the WAF series is EDLA certified, it can be enrolled in a Mobile Device Management platform. Options include Google Admin Console (best for Google Workspace environments), Microsoft Intune (for Microsoft 365 environments), or other Android MDM platforms such as Jamf. MDM enables remote app deployment, policy enforcement, scheduled restarts and device inventory — all managed centrally.

7. Screen Sharing

There are multiple ways to share a laptop or device screen to the WAF display. The right method depends on the device type and whether you need touch control.

USB-C — Best Option for Compatible Laptops

Connect a USB-C cable from the laptop to the WAF tray USB-C port. One cable delivers:

- Video at up to 4K
- Touch control — use the WAF screen to control the laptop directly
- Up to 65W charging

Requires a DP Alt Mode USB-C cable, maximum 1 m. Works with most modern Windows laptops, MacBooks (2016+) and premium Android tablets. The 65W charging is only active when the display is powered on.

HDMI + USB Touch — Universal Option

Connect an HDMI cable from the laptop to HDMI 2 (rear) or HDMI 1 (tray). Then connect the supplied USB cable from the matching TOUCH port to a USB port on the laptop. This provides video output and full touch control, and works with any HDMI-capable device regardless of age or manufacturer.

Wireless Screen Sharing

Wireless sharing is supported via the Screen Share app on the home screen. Compatibility by device:

- Windows 10/11: Miracast built in — search "Connect" in the action centre or notification panel.
- Android phones and tablets: Cast or Miracast built into most devices.
- Mac: Requires a third-party app — AirPlay is not natively supported without additional software.
- iPhone/iPad: Requires an AirPlay receiver app installed on the display.

NOTE

Wireless sharing performance depends on your Wi-Fi network quality. If sharing is dropping or lagging, switching to a cable connection (USB-C or HDMI + USB Touch) will resolve it immediately.

8. Using the Whiteboard

Open the Whiteboard app from the home screen. Rather than listing every button, here's how to do the things you'll actually need.

Starting and Navigating

Tap the Whiteboard icon to open a blank canvas. Add pages with the + button. Navigate between pages using the page controls at the bottom of the toolbar. To view all pages as thumbnails, tap the page management button.

Writing, Drawing and Shapes

Use the supplied touch pen — thin tip for precise writing, thick tip for bold lines. The Pen tool lets you choose colour, thickness and pen type (standard, highlighter, or specialty). Use the Shape tool to draw geometric shapes, lines and 3D objects. A digital ruler is available for straight lines and angles.

Erasing

Three erase methods: circle erase (draw around content), path erase (drag across content — eraser is resizable), or Clear All (drag the slider in the eraser toolbar to wipe the entire page). You can also erase a large area quickly using your palm.

Inserting Content

The Tools menu lets you insert images, tables, mind maps, browser windows, videos and a countdown timer — all within the whiteboard canvas.

Saving and Sharing

Tap the Menu (≡) button:

- Save — saves to internal storage in native format
- Save as — saves a named copy
- Upload to Cloud — saves to a network location as a whiteboard file, PNG or PDF
- Email — sends the file directly if an email account is configured under Settings
- Scan — generates a QR code others can scan to download the whiteboard image instantly

TIP

In shared environments, upload whiteboards to cloud storage rather than saving locally. Local files are tied to that specific display and can be lost if the device is reset.

9. Using an OPS Computer Module

What is OPS?

OPS (Open Pluggable Specification) is an Intel standard for a self-contained PC module that slots into the rear of a compatible display. When installed, the OPS module powers from the display, uses its screen and speakers, and is selected as an input source — with no separate PC chassis, power cord or cable run required.

Do You Need One?

The WAF series already runs Android. Use this table to decide whether an OPS module adds value for your situation:

If you...	Need OPS?	Notes
Present from a laptop brought into the room	✗ No	Use HDMI or USB-C instead
Use Google Meet or Zoom from the display	✗ No	Android handles this natively
Just use whiteboarding and annotation	✗ No	Built-in Android is sufficient
Need Microsoft Teams Rooms (certified setup)	✓ Usually	Teams Rooms requires Windows
Need Windows-only software on the display	✓ Yes	OPS provides full Windows
Want a permanent PC installed in the room	✓ Yes	Cleaner than a separate PC

For most classrooms and standard meeting rooms, the built-in Android covers everything needed. OPS is most commonly specified for boardrooms requiring a permanent Windows environment with clean cable management.

IMPORTANT

Before inserting or removing an OPS module, disconnect the display's power cable completely. The OPS slot is live — inserting the module with power connected can damage both the module and the display. OPS power supply is 18V / 5.0A. The OPS case and module are sold separately.

10. Maintenance

Cleaning the Screen

Use a slightly damp soft cloth, then dry immediately with a clean cloth. Do not spray liquid directly onto the screen. Avoid abrasive cloths, alcohol-based cleaners and solvent sprays — these permanently damage the anti-glare coating. Do not use UV humidifiers near the display; they cause white staining on the panel surface.

Touch Pens

Use only the supplied Samsung pens. Non-supplied pens risk screen scratches and permanent ink staining. Even with the correct pen, applying more than moderate pressure can scratch the protective glass. Store both pens in the magnetic holder on the bezel when not in use.

Firmware Updates

Check for firmware updates regularly via Settings → System → System Update. Updates fix security issues, improve touch accuracy and resolve app compatibility problems. For multi-display deployments, test an update on one unit before rolling it out across the fleet.

Storage

Internal storage is 128 GB. Over time, saved whiteboards, app downloads and cached media accumulate. Periodically clear app caches (Settings → Apps → select app → Storage & Cache), move whiteboard files to cloud storage, and uninstall unused apps.

Screen Saver and Power

Set a screen saver for idle periods via Settings → Display → Screen Saver. Schedule the display to power off outside business hours — this reduces panel wear and energy consumption significantly over the life of the unit.

11. Before You Call Support

Most issues with interactive displays are resolved in under five minutes by working through this checklist. Try each step before logging a support call — it saves time for everyone.

 **Restart the display.** Hold the Power Button to turn off, wait 10 seconds, power back on. Resolves the majority of software glitches.

 **Check the network connection.** Confirm the LAN cable is seated or that Wi-Fi shows as connected. Try opening a webpage in Chrome.

 **Try a different HDMI cable.** Cable faults are extremely common and rarely obvious. Swap the cable before assuming the display or laptop is at fault.

 **Try a different USB-C cable.** USB-C cable quality varies enormously. A cheap cable may carry power but not video or touch. Try a known-good cable.

 **Restart the laptop.** Display detection and touch handshaking can fail after sleep or hibernate. A laptop restart often fixes both.

 **Check audio output settings.** When connected via HDMI, the laptop must be set to output audio via HDMI — not its internal speakers.

 **Check firmware.** Settings → System → System Update. An outstanding update can cause unexpected behaviour.

 **Touch not working?** Wait 5 seconds after power-on before touching the screen. Touch calibration runs automatically during this window.

12. Troubleshooting

No Network Connection (Wired)

- Check the LAN cable is firmly seated at both ends.
- If the network uses static IP, verify the settings under Settings → Network & Internet → Ethernet.
- Try a different cable — cable faults are a frequent cause of failed connections.
- Restart the display and the network switch or router.

No Network Connection (Wi-Fi)

- Confirm you're selecting the correct network name and that the password is entered correctly (case-sensitive).
- For enterprise Wi-Fi with certificate authentication, confirm the correct certificate and authentication method is configured.

- Move the display closer to the access point to rule out signal strength as a cause.

Touch Not Working

- Do not tap the screen for 5 seconds after powering on — touch calibration runs during this window.
- Check the screen surface for moisture, dirt or residue — these cause touch errors.
- Keep the display out of direct sunlight — IR touch systems can be disrupted by bright external light.
- For PC touch via HDMI: confirm the USB cable is connected to the TOUCH port that matches the HDMI input in use.

Laptop Not Displaying

- Confirm the correct input source is selected on the WAF — use the Source Input option in the sidebar.
- If black borders appear around the image, adjust the screen size setting in the laptop's graphics card settings.
- Update the graphics card driver on the laptop if the resolution is not being detected correctly.
- Try a different cable before assuming the port is faulty.

USB-C Not Working

- Confirm the cable supports DP Alt Mode — most generic USB-C cables do not carry video.
- Confirm the laptop's USB-C port supports video output — many ports on budget laptops are data-only.
- Use a cable 1 m or shorter — longer cables cause signal loss.
- The 65W charging function only works when the display is powered on.

Screen Sharing Dropping or Lagging

- Switch both the display and the sharing device to 5 GHz Wi-Fi.
- Move the sharing device closer to the access point.
- Switch to a cable connection — USB-C or HDMI + USB Touch — to eliminate wireless as a variable.
- Close unused apps on the laptop — screen sharing is CPU-intensive.

For hardware faults not resolved by the above steps, contact Samsung Customer Service.

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Reference: Samsung WAF Series User Manual (LFD_WEB_WAF_ENG_251114). Refer to the original manual for full regulatory, safety and specification information.

Continue Your Interactive Display Journey

1. Learn More About the Samsung WAF Series

The Samsung WAF Series product page on the Kickstart Computers website provides detailed information to help you evaluate, compare and purchase the right model for your environment. You will find:

- Complete technical specifications for all three models
- Side-by-side model comparisons
- Current pricing (inc. GST)
- Compatible accessories
- Frequently asked questions
- Latest firmware information
- Product availability

Scan the QR code or visit:

kickstartcomputers.com.au/shop/displays/interactive-whiteboard/samsung-android-interactive-display/



Scan to visit product page

2. Compare Australia's Leading Interactive Whiteboards

Choosing the right interactive display depends on the room, the people using it and the software environment it needs to support. The Kickstart Computers Interactive Whiteboard Resource Centre provides independent information to help you compare leading brands including Samsung, LG, Philips, Yealink and BenQ.

The Resource Centre includes:

- Buying guides for classrooms, boardrooms and meeting rooms
- Side-by-side brand comparisons
- Installation and mounting advice
- OPS computer module information
- Android vs Windows vs Tizen — platform explained
- Classroom and meeting room recommendations

Scan the QR code or visit: kickstartcomputers.com.au/interactive-whiteboard/



Scan to visit Resource Centre

3. About Kickstart Computers

Kickstart Computers is an Australian supplier specialising in commercial interactive displays, digital signage and collaboration technology for education, business and government. Established in 2007, we supply and support products across classroom, boardroom, meeting room and public display environments nationally.

This guide was independently prepared by Kickstart Computers to simplify the installation and everyday use of the Samsung WAF Series. It is not an official Samsung publication. For complete technical, regulatory and warranty information, refer to the original Samsung user manual.

