Specifications

Model			WAF-S		
Panel	Diagonal Size		65"	75"	86"
	Type		Direct, 60Hz	Direct, 60Hz	Direct, 60Hz
	Resolution		3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)
	Brightness (Typ.)		400cd/m2	400cd/m2	400cd/m2
	Contrast Ratio (Typ.)		1,200:1	1,200:1	1,200:1
	Viewing Angle (H/V)		178:178	178:178	178:178
	Haze		25%	25%	25%
	Response Time (G-to-G)		8ms	8ms	8ms
	Backlight life (typical)		50,000hrs	50,000hrs	50,000hrs
Sound	Speaker Type		Bulit in Speaker (15W X 2CH)	Bulit in Speaker (15W X 2CH)	Bulit in Speaker (15W X 2CH)
Connectivity	INPUT	RGB	N/A	N/A	N/A
		VIDEO	HDMI 3(Rear 1, Front 2) USB-C 1(Front1), OPS *USB-C(Rear) OTG only	HDMI 3(Rear 1, Front 2) USB-C 1(Front1), OPS *USB-C(Rear) OTG only	HDMI 3(Rear 1, Front 2) USB-C 1(Front1), OPS *USB-C(Rear) OTG only
		AUDIO	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)
		USB	4 (2.0 x 2, 3.0 x 2)	4 (2.0 x 2, 3.0 x 2)	4 (2.0 x 2, 3.0 x 2)
	OUTPUT	RGB	N/A	N/A	N/A
		VIDEO	HDMI Out (Rear)	HDMI Out (Rear)	HDMI Out (Rear)
		AUDIO	1(Stereo Mini Jack)	1(Stereo Mini Jack)	1(Stereo Mini Jack)
		Touch Out	Touch Out 2 (Front 1, Rear 1)	Touch Out 2 (Front 1, Rear 1)	Touch Out 2 (Front 1, Rear 1)
	INTERNAL	SENSOR	Eco Sensor	Eco Sensor	Eco Sensor
	EXTERNAL	CONTROL	Touch Input RS232C In, RJ45 In	Touch Input RS232C In, RJ45 In	Touch Input RS232C In, RJ45 In
	BT/WiFi		Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)
	WIFI Protocol		Wifi 5 (802.11ac)	Wifi 5 (802.11ac)	Wifi 5 (802.11ac)
	Ethernet speed		1 Gbps	1 Gbps	1 Gbps
Touch	Type		IR	IR	IR
	# of Touch		40 points	40 points	40 points
	Touch Pen Type		Passive Pen	Passive Pen	Passive Pen
	Object Recognition Range		Front Pen : 3mm, Back Pen : 8mm, Eraser : ≥9cm²	Front Pen : 3mm, Back Pen : 8mm, Eraser : ≥9cm²	Front Pen : 3mm, Back Pen : 8mm, Eraser : ≥9cm²
	Object Recognition Range (Minimum)		2mm	2mm	2mm
	Touch Response Time		≤5ms	≤5ms	≤5ms
	Drawing Speed (Touch latency)		≤45ms	≤45ms	≤45ms
	Thickness		3.2T	3.2T	3.2T
	Hardness		9H	9H	9H
Power	Type		Internal	Internal	Internal
	Power Supply		AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Power Consumption	Max [W/h]	377W	423W	507W
		Typical [W/h]	172W	215W	191W
		Rating [W/h]	371W	420W	519W
		Stand-by [W/h]	0.5 W/h	0.5 W/h	0.5
		BTU	TBD	TBD	TBD
Mechanical	Dimension (mm)	Set	1,482.1 x 897.5 x 87.7	1,716.5 x 1,031.9 x 87.7	1,961.8 x 1,170.0 x 87.7
		Package	1,640 x 1,010 x 185	1,860 x 1,125 x 185	2,095 x 1,265 x 185
	Weight (kg)	Set	35.5	48.4	61.8
		Package	42.8	57.2	72.0
	VESA Mount		600 x 400	800 x 400	800 x 600
	Protection Glass		Yes	Yes	Yes
	Stand Type		VESA Wallmount	VESA Wallmount	VESA Wallmount
	Media Player Option Type		OPS Slot	OPS Slot	OPS Slot
	Rotation		Landscape only	Landscape only	Landscape only
	Power Cable Length		3m	3m	3m
Design	Bezel Color		Black	Black	Black
Operation	Operating Temperature		0°C ~40°C	0°C~40°C	0°C~40°C
	Humidity		10~80%	10~80%	10~80%
Feature	Key		Android 16 OS with EDLA Certified	Android 16 OS with EDLA Certified	Android 16 OS with EDLA Certified
	Orientation		Landscape	Landscape	Landscape
	H/W		Touch Overlay (IR), Front Connectivity, OPS I/F Support, Eco Sensor, WiFi/BT embedded	Touch Overlay (IR), Front Connectivity, OPS I/F Support, Eco Sensor, WiFi/BT embedded	Touch Overlay(IR), Front Connectivity, OPS I/F Support, Eco Sensor, WiFi/BT embedded
	S/W	First screen	Android Home Launcher	Android Home Launcher	Android Home Launcher
		Apps	Playstore, Chrome, Youtube, Google Drive, Whiteboard app, Screeshare, Files, etc	Playstore, Chrome, Youtube, Google Drive, Whiteboard app, Screeshare, Files, etc	Playstore, Chrome, Youtube, Google Drive, Whiteboard app, Screeshare, Files, etc
		WebRTC	Yes	Yes	Yes
		Screen Share	Yes	Yes	Yes
	Internal Player (Embedded H/W)	Processor	Octacore	Octacore	Octacore
		RAM	8GB	8GB	8GB
		Storage	64GB	64GB	64GB
		Operating System	Android 16	Android 16	Android 16
Certification	Safety		IEC62368-1/UL62368-1/IEC60950-1 / IS13252	IEC62368-1/UL62368-1/IEC60950-1 / IS13252	IEC62368-1/UL62368-1/IEC60950-1 / IS13252
	EMC		FCC CFR Title 47, Part 15, Subpart B/EN55032:2015+A11:2020	FCC CFR Title 47, Part 15, Subpart B/EN55032:2015+A11:2020	FCC CFR Title 47, Part 15, Subpart B/EN55032:2015+A11:2020
	Environment		ENERGY STAR	ENERGY STAR	ENERGY STAR
	Security		WFA/WPA/WPA2/WPA3 personal/ WPS2.0	WFA/WPA/WPA2/WPA3 personal/ WPS2.0	WFA/WPA/WPA2/WPA3 personal/ WPS2.0
Accessories	Included		Power Cord, Remote Controller, HDMI Cable, Touch Pen (2ea, Black), USB Cable, Warranty/QSG	Power Cord, Remote Controller, HDMI Cable, Touch Pen (2ea, Black), USB Cable, Warranty/QSG	Power Cord, Remote Controller, HDMI Cable, Touch Pen (2ea, Black), USB Cable, Warranty/QSG
	Optional	Stand	N / A	N / A	N / A
		Mount	(3rd party company stand/ mount can be supported through VESA)	(3rd party company stand/ mount can be supported through VESA)	(3rd party company stand/ mount can be supported through VESA)

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Interactive Display

WAF-S series

Unlimited learning possibilities

Elevate the classroom experience with the new WAF-S series. Powered by Android™ 16, it integrates intuitive, AI-driven tools for lesson preparation and delivery, along with secure, personalized account access. Simplify daily workflows and provide instant access to individual workspaces, empowering educators to focus on student success. Drive deeper student engagement and shape the future of interactive learning spaces with enhanced connectivity and collaboration.

Key features

Android™ 16 & Octa-core CPU

Powered by Android™ 16 and a robust octa-core processor, the WAF-S delivers a fluid and responsive experience. With EDLA certification, enjoy native access to Google services and apps, ensuring a secure, familiar, and uninterrupted workflow for both classrooms and meeting rooms.

Samsung AI Assistant

Samsung AI Assistant is an AI-driven tool that transforms classrooms into interactive learning spaces. It automates time-consuming tasks like research, transcription, summarization, and quiz generation, serving as an intelligent teaching partner that lets educators focus on learning outcomes.

* Samsung AI Assistant features support the following languages: English (US, UK), Finnish, French (Canada, France), German, Greek, Italian, Korean, Polish, Portuguese (Brazil, Portugal), Romanian, Spanish (Spain, US), Swedish, and Turkish. Accuracy of AI features may vary depending on audio quality and environment. An external microphone is required for voice-related features and is not included. The AI Assistant may generate inaccurate information, and Samsung does not guarantee the accuracy or reliability of its responses. User inputs and data are not used for model training.

AMS (Account Management Solution)

AMS creates a secure, personalized environment for educators. With a simple QR code scan, teachers can access their cloud files and settings. It also seamlessly integrates with Samsung AI Assistant, eliminating the need for a separate login, ensuring your workspace is ready the moment class begins.

DMS (Device Management Solution)

The WAF-S series provides a Device Management Solution for remote control of settings, apps, and operations. It enables stable, efficient technology operations across schools or campuses.

* The WAF-S series provides an on-prem DMS solution, suitable for the local network situation where the products are installed.

Annotation on

Seamlessly write or annotate on any content, including videos and websites, without interrupting the session. The always-visible tool lets teachers capture ideas or highlight key concepts instantly, ensuring your workflow remains smooth and uninterrupted throughout the lesson.