

Specifications

Model			WAF			
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	
Display	Backlight life (typical)		50,000hrs	50,000hrs	50,000hrs	
	Dynamic C/R		4,000 :1	4,000 :1	4,000 :1	
Sound	Speaker Type		Built in Speaker (15W x 2CH)	Built in Speaker (15W x 2CH)	Built in Speaker (15W x 2CH)	
			N/A	N/A	N/A	
Connectivity	INPUT	RGB	N/A	N/A	N/A	
		VIDEO	HDMI 2 (Rear1, Front1), USB C (Front), OPS	HDMI 2 (Rear1, Front1), USB C (Front), OPS	HDMI 2 (Rear1, Front1), USB C (Front), OPS	
		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 (Front1, Rear1)	Touch Out 2 (Front1, Rear1)	Touch Out 2 (Front1, Rear1)	
	INTERNAL	SENSOR	Eco Sensor	Eco Sensor	Eco Sensor	
		CONTROL	Touch Input RS232C In, RJ45 In	Touch Input RS232C In, RJ45 In	Touch Input RS232C In, RJ45 In	
Touch	EXTERNAL	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	
		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	
Power		Thickness	3.2T	3.2T	3.2T	
		Hardness	≥8H	≥8H	≥8H	
		Type	Internal	Internal	Internal	
		Power Supply	AC100~240V 50/60Hz	AC100~240V 50/60Hz	AC100~240V 50/60Hz	
	Power Consumption	Max [W/h]	409 W/h	450 W/h	493 W/h	
		Typical [W/h]	109 W/h (IEC62087 / EnergyStar : 113.7 W/h)	128 W/h (IEC62087 / EnergyStar : 137.7 W/h)	177 W/h (IEC62087 / EnergyStar : 179.3 W/h)	
		Rating [W/h]	371 W/h	416 W/h	460W	
		Stand-by [W/h]	0.5 W/h	0.5 W/h	0.5	
		BTU	388	470	612	
		Set	1,4821 x 891.4 x 877mm	1,716.5 x 1,031.9 x 877mm	1,961.8 x 1,170 x 877mm	
Mechanical	Dimension (mm)	Package	1,640 x1,010 x185mm	1,840 x1,125 x185mm	2,095 x1,265 x185mm	
		Set	36.2kg	49.2kg	62.5kg	
	Weight (kg)	Package	44.5kg	58.8kg	74.1kg	
		Set	600 x 400	800 x 400	800 x 600	
	VES A Mount		Yes	Yes	Yes	
	Protection Glass		VESA Wallmount	VESA Wallmount	VESA Wallmount	
	Stand Type		OPS Slot	OPS Slot	OPS Slot	
	Media Player Option Type		Landscape only	Landscape only	Landscape only	
	Rotation		3m	3m	3m	
	Power Cable Length		Black	Black	Black	
Design	Bezel Color		0°C~40°C	0°C~40°C	0°C~40°C	
	Operating Temperature		10~80%	10~80%	10~80%	
	Humidity					
Operation	Key	Orientation	Android 14 OS with EDLA Certified	Android 14 OS with EDLA Certified	Android 14 OS with EDLA Certified	
		Landsc ape	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	
		H/W	Android Home Launcher	Android Home Launcher	Android Home Launcher	
		S/W	Playstore, Chrome, Youtube, Google Drive, Note app, Screenshot, Finder, etc	Playstore, Chrome, Youtube, Google Drive, Note app, Screenshot, Finder, etc	Playstore, Chrome, Youtube, Google Drive, Note app, Screenshot, Finder, etc	
	Internal Player (Embedded H/W)	Screen Share	Yes	Yes	Yes	
		Processor	Octacore (A73 x 4 + A53 x 4)	Octacore (Oca73 x 4 + A53 x 4)	Octacore (Oca73 x 4 + A53 x 4)	
		RAM	8GB	8GB	8GB	
		Storage	64GB	64GB	64GB	
		Operating System	Android14	Android 14	Android 14	
		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, Part15, Subpart B/EN55032:2015+A11:2020	FCC CFR Title 47, Part15, 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	
		Included	Power Cord, Remote Controller, HDMI Cable, Touch Pen (Zea, Black), USB Cable, Warranty/QSG	Power Cord, Remote Controller, HDMI Cable, Touch Pen (Zea, Black), USB Cable, Warranty/QSG	Power Cord, Remote Controller, HDMI Cable, Touch Pen (Zea, Black), USB Cable, Warranty/QSG	
Accessories	Optional	Stand Mount	N / A	N / A	N / A	
			(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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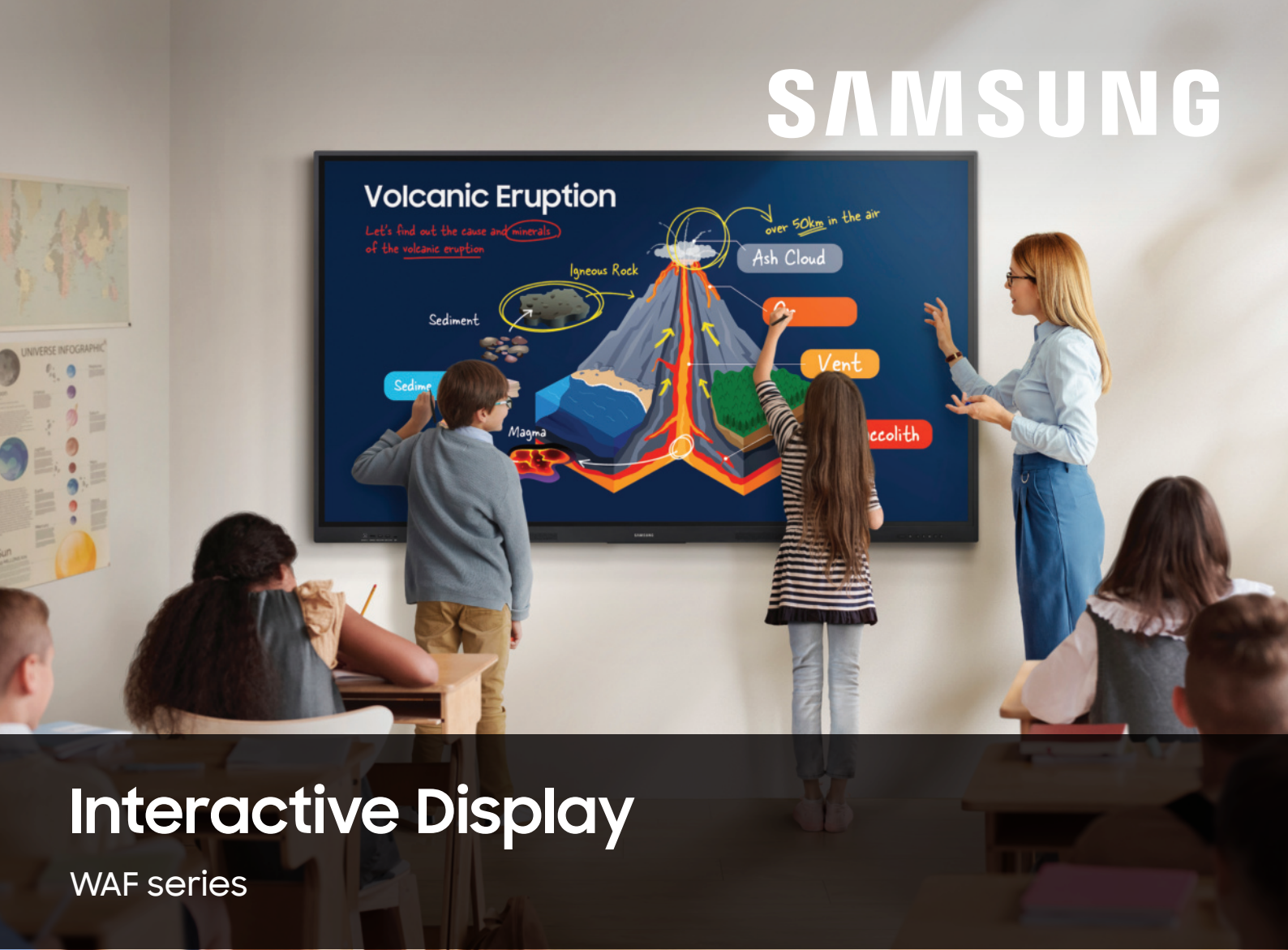
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SAMSUNG



Interactive Display

WAF series

Unlimited Learning Possibilities

Introducing the WAF Series, your new interactive display that delivers captivating educational experiences. Its familiar and intuitive Android OS interface is powered by a processor that guarantees smooth performance, intelligent AI processing and detailed graphics. Access a world of pre-installed tools and interactive educational apps to boost productivity and usher in a new era of learning. Plus, tap into the updated tools that make it easier to engage and collaborate with multiple students in real time, allowing for customizable learning environments that create a shared, yet personal, learning experience.

Key features



Powered by Android™ & EDLA Certification

The WAF series, powered by Android OS, offers a familiar and customizable environment. Google EDLA certification promotes interactive learning with a variety pre-installed and downloadable Google services.



Powerful Performance

A powerful octa-core CPU delivers smooth performance across any application. It's easy to do more at once, render detailed 4K graphics, and tap into the power of AI with reliable performance.



Annotation On

A simple press of the always-visible “Annotation” button lets users take notes anytime without interruptions, even with visuals on the screen. It makes collaborating and engaging during lessons more seamless and less intrusive.



Split Note Mode

The upgraded Note app allows multiple students to use the whiteboard at once. Up to 4 students can work in their own zones without affecting others, fostering both collaboration and individual learning.



Quick Access Controls

The WAF includes front-facing physical controls for quick access to frequently used functions. These intuitive controls allow users to operate the interactive display more efficiently, enhancing the overall user experience.



Device Management Solution

A device management solution is essential to advancing educational environments, and the WAF series optimizes remote management for whiteboard settings and apps, guaranteeing efficient and stable operation in any learning environment.

* The cloud-based DMS solution is supported free of charge for one year. Pricing policy is subject to change. For further details, please contact your account manager. The WAF series provides an on-prem DMS solution, so customer can select as a solution suitable for the local network situation where the products are installed.

Specifications

Model			WAF		
Panel	Diagonal Size		65"	75"	86"
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	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
Display	Backlight life (typical)		50,000hrs	50,000hrs	50,000hrs
	Dynamic C/R		4,000 :1	4,000 :1	4,000 :1
Sound	Speaker Type		Built in Speaker (15W x 2CH)	Built in Speaker (15W x 2CH)	Built in Speaker (15W x 2CH)
			N/A	N/A	N/A
Connectivity	INPUT	RGB	N/A	N/A	N/A
		VIDEO	HDMI 2 (Rear1, Front1), USB C (Front), OPS	HDMI 2 (Rear1, Front1), USB C (Front), OPS	HDMI 2 (Rear1, Front1), USB C (Front), OPS
		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 (Front1, Rear1)	Touch Out 2 (Front1, Rear1)	Touch Out 2 (Front1, Rear1)
	INTERNAL	SENSOR	Eco Sensor	Eco Sensor	Eco Sensor
		EXTERNAL	CONTROL	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)
Touch	Ethernet speed		1 Gbps	1 Gbps	1 Gbps
	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		≥8H	≥8H	≥8H
	Type		Internal	Internal	Internal
	Power Supply		AC100~240V 50/60Hz	AC100~240V 50/60Hz	AC100~240V 50/60Hz
Power	Power Consumption	Max [W/h]	409 W/h	450 W/h	493 W/h
		Typical [W/h]	109 W/h (IEC62087 / EnergyStar : 113.7 W/h)	128 W/h (IEC62087 / EnergyStar : 137.7 W/h)	177 W/h (IEC62087 / EnergyStar : 179.3 W/h)
		Rating [W/h]	371 W/h	416 W/h	460W
		Stand-by [W/h]	0.5 W/h	0.5 W/h	0.5
		BTU	388	470	612
Mechanical	Dimension (mm)	Set	1,4821 x 891.4 x 87.7mm	1,716.5 x 1,031.9 x 87.7mm	1,961.8 x 1,170 x 87.7mm
		Package	1,640 x1,010 x185mm	1,840 x1,125 x185mm	2,095 x1,265 x185mm
		Weight (kg)	36.2kg	49.2kg	62.5kg
	Weight (kg)	Set	44.5kg	58.8kg	74.1kg
		Package			
			600 x 400	800 x 400	800 x 600
	VESAs Mount		Yes	Yes	Yes
	Protection Glass		Yes	Yes	Yes
	Stand Type		VESA Wallmount	VESA Wallmount	VESA Wallmount
	Media Player Option Type		OPS Slot	OPS Slot	OPS Slot
Design	Rotation		Landscape only	Landscape only	Landscape only
	Power Cable Length		3m	3m	3m
	Bezel Color		Black	Black	Black
	Operating Temperature		0°C~40°C	0°C~40°C	0°C~40°C
	Humidity		10~80%	10~80%	10~80%
Feature	Key	Orientation	Android 14 OS with EDLA Certified	Android 14 OS with EDLA Certified	Android 14 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, Note app, Screenshot, Finder, etc	Playstore, Chrome, Youtube, Google Drive, Note app, Screenshot, Finder, etc	Playstore, Chrome, Youtube, Google Drive, Note app, Screenshot, Finder, etc
		WebRTC	Yes	Yes	Yes
		Screen Share	Yes	Yes	Yes
	Internal Player (Embedded H/W)	Processor	Octacore (A73 x 4 + A53 x 4)	Octacore (Oca73 x 4 + A53 x 4)	Octacore (Oca73 x 4 + A53 x 4)
		RAM	8GB	8GB	8GB
		Storage	64GB	64GB	64GB
		Operating System	Android14	Android 14	Android 14
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, Part15, Subpart B/EN55032:2015+A11:2020	FCC CFR Title 47, Part15, 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	Security	Power Cord, Remote Controller, HDMI Cable, Touch Pen (Zea, Black), USB Cable, Warranty/QSG	Power Cord, Remote Controller, HDMI Cable, Touch Pen (Zea, Black), USB Cable, Warranty/QSG	Power Cord, Remote Controller, HDMI Cable, Touch Pen (Zea, Black), USB Cable, Warranty/QSG
Optional	Stand Mount		N / A	N / A	N / A
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