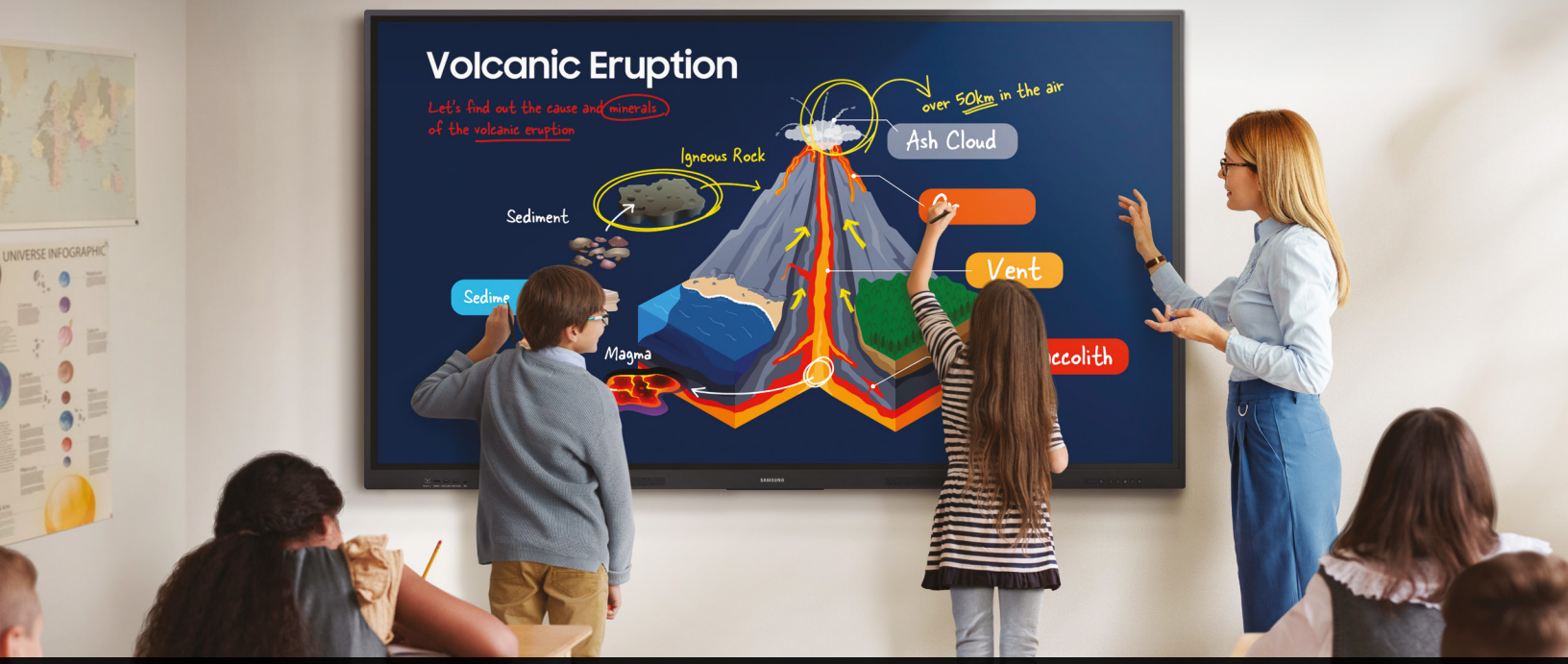
SAMSUNG

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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™and 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"
	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	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)
Connectivity	INPUT	RGB	N/A	N/A	N/A
		VIDEO	HDMI 2 (Rear1, Front 1) USB C (Front), OPS	HDMI 2 (Rear1, Front 1) USB C (Front), OPS	HDMI 2 (Rear1, Front 1) USB C (Front), OPS
		AUDIO	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)
		USB	4 (2.0 X2, 3.0X2)	4 (2.0 X2, 3.0X2)	4 (2.0 X2, 3.0X2)
	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/Wi-Fi		Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)
	Wi-Fi Protocol		Wi-Fi 5 (802.11ac)	Wi-Fi 5 (802.11ac)	Wi-Fi 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		Mohs 5	Mohs 5	Mohs 5
Power	Type		Internal	Internal	Internal
	Power Supply		AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Power Consumption	Max [W/h]	286	333	493
		Typical [W/h]	172	215	264
		Rating [W/h]	371	416	460
		Stand-by [W/h]	0.5	0.5	0.5
		BTU [W/h]	388	470	TBD
Mechanical	Dimension (mm / in.)	Set	1482.1 x 891.4 x 87.7 mm / 58.4 x 35.1 x 3.5 in.	1716.5 x 1031.8 x 87.7 mm / 67.6 x 40.6 x 3.4 in.	1961.8 x 1170 x 87.7 mm / 77.2 x 46.1 x 3.5 in.
		Package	1640 x 1010 x 185 mm / 64.6 x 39.8 x 7.3 in.	1840 x 1125 x 185 mm / 72.4 x 44.3 x7.3 in.	2095 x 1265 x 185 mm / 82.5 x 49.8 x 7.3 in.
	Weight (kg / lbs.)	Set	35.2 kg / 77.6 lbs.	48.9 kg / 107.8 lbs.	62.5kg / 137.8lbs
		Package	43.2 kg / 95.2 lbs.	57.9 kg / 127.6 lbs.	74.1kg / 163.4lbs
	VESA Mount		600 X 400	800 X 400	800 x 600
	Protection Glass		Yes	Yes	Yes
	Stand Type		Wall Mount	Wall Mount	Wall Mount
	Media Player Option Type		OPS Slot support	OPS Slot support	OPS Slot support
	Rotation		Landscape only	Landscape only	Landscape only
	Power Cable Length		3m	3m	3m
Design	Vezel Color		Black	Black	Black
Operation	Operating Temperature		0℃~40℃	0℃~40℃	0℃~40℃
	Humidity		10~90%	10~90%	10~90%
Feature	Key		EDLA Certified Android Model (Google Play supported)	EDLA Certified Android Model (Google Play supported)	EDLA Certified Android Model (Google Play supported)
	Orientation		Landscape	Landscape	Landscape
	H/W		Touch Overlay(IR), Front Connectivity, OPS I/F Support, Eco Sensor, Wi-Fi/BT embedded	Touch Overlay(IR), Front Connectivity, OPS I/F Support, Eco Sensor, Wi-Fi/BT embedded	Touch Overlay(IR), Front Connectivity, OPS I/F Support, Eco Sensor, Wi-Fi/BT embedded
	S/W	First screen	Home UI	Home UI	Home UI
		Apps	Playstore, Chrome, Youtube, Google Drive, Note app, Screeshare, Finder, etc.	Playstore, Chrome, Youtube, Drive, Note app, Screeshare, Finder, etc.	Playstore, Chrome, Youtube, Drive, Note app, Screeshare, Finder, etc.
		WebRTC	Yes	Yes	Yes
		Screen Share	Yes	Yes	Yes
	Internal Player (Embedded H/W)	Processor	A73 X 4 + A53 X 4	A73 X 4 + A53 X 4	A73 X 4 + A53 X 4
		RAM	8GB	8GB	8GB
		Storage	64GB	64GB	64GB
		Operating System	Android 14	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, 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 (3rd party company stand/mount can be supported through VESA)	N/A (3rd party company stand/mount can be supported through VESA)	N/A (3rd party company stand/mount can be supported through VESA)
		Mount			

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Contact **NEWCOM** for more information or a quote!
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