SAMSUNG

Interactive Display

WAF series

Unlimited collaboration possibilities

Introducing the WAF Series, your new interactive display that delivers captivating productivity possibilities. 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 apps to boost productivity and usher in a new era of teamwork for the hybrid era. Plus, tap into the updated tools that make it easier to engage and collaborate with multiple team members in real-time, allowing for customizable collaboration environments that create a shared experience, even in hybrid meetings.

Key features

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 team members to use the whiteboard at once. Up to 4 team members can work in their own zones without affecting others, fostering both collaboration and individual productivity.

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 all environments, and the WAF series optimizes remote management for whiteboard settings and apps, guaranteeing efficient and stable operation in any collaborative 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		
	65"	**75"**	**86"**
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°C~40°C	0°C~40°C	0°C~40°C
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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