

SAMSUNG



Interactive Display

WAC series

Unlimited learning possibilities.

Introducing Samsung WAC Series: an interactive display that provides an engaging educational experience for the classroom of the future. As an Android OS-based product, it offers a familiar and intuitive user experience for teachers and students. Teachers can engage students and boost learning thanks to the display's excellent compatibility with Android devices and intelligent apps that can be added to the custom home screen bar for convenience. Content can be shared back and forth between the large display and individual Android devices for an interactive lesson that ensures every student is included.

Key features



Android OS

WAC series is an Android OS-based product with intuitive and convenient usability. It has excellent compatibility with Android-based devices, enabling more lively interactive classes with students.



Easy Multitasking

A variety of screen mode options, including split screen mode and multi window mode, make it easy to display and read multiple windows at the same time on the WAC series.



Powerful Screen Sharing

Users can share up to nine screens at once in real time for maximum productivity. With this feature, content can be shared both ways between the large display and individual devices to engage every student.

** Screen sharing is available on devices with the following conditions: Windows 10 and higher / Mac OS X 10.11 and higher / Chrome 38 and higher / Android 5.1 and higher / iOS 10.0 and higher



Intelligent App for Class

Apps and tools can be added to the home screen bar for easy access. Intelligent apps, such as timers and stopwatches, help teachers get creative with their lessons to enrich the learning environment.



Multi-point Touch Drawing

Multiple users can write and draw on the whiteboard at the same time. WAC series enables multi-touch for up to 40 people for enhanced interactivity and productivity.



Dual Pen

Thanks to the double-sided nib applied, users can effortlessly switch between the front pen and back highlighter without needing to change the settings or interrupt their flow.

Specifications

Samsung Interactive Display			WAC		
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/m ² (with glass)	400cd/m ² (with glass)	400cd/m ² (with glass)
	Contrast Ratio (Typ.)		1,200:1	1,200:1	1,200:1
	Viewing Angle (H/V)		178-178	178-178	178-178
Response Time (G-to-G)		8ms	8ms	8ms	
Operation Hour			16/7	16/7	16/7
Sound	Speaker Type		Built-in Speaker (12W x 2CH)	Built-in Speaker (12W x 2CH)	Built-in Speaker (12W x 2CH)
Connectivity	Input	RGB	1	1	1
		Video	HDMI 3 (Rear 2, Front 1), USB C (Front), OPS	HDMI 3 (Rear 2, Front 1), USB C (Front), OPS	HDMI 3 (Rear 2, Front 1), USB C (Front), OPS
		Audio	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)
		USB	5 (2.0 x 1, 3.0 x 4)	5 (2.0 x 1, 3.0 x 4)	5 (2.0 x 1, 3.0 x 4)
		Touch Out	N/A	N/A	N/A
	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)
	Internal		Eco Sensor	Eco Sensor	Eco Sensor
	External		Control	Touch Input	Touch Input
BT/WiFi		Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)	
Touch	Type		IR	IR	IR
	# of Drawing		40 points touch	40 points touch	40 points touch
	Touch Pen Type		Passive Pen	Passive Pen	Passive Pen
	Object Recognition Range		5mm/10mm/15mm	5mm/10mm/15mm	5mm/10mm/15mm
	Touch Response Time		≤10ms	≤10ms	≤10ms
	Drawing Speed (Touch latency)		≤45ms	≤45ms	≤45ms
	Haze		25%	25%	25%
	Thickness		3.2T	3.2T	3.2T
Hardness		Tempered Glass	Tempered Glass	Tempered Glass	
Power	Type		Internal	Internal	Internal
	Power Supply		AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Power Consumption	Max [W/h]	385W	385W	486W
		Typical [W/h]	200W	200W	290W
		Rating [W/h]	350W	400W	500W
Stand-by [W/h]		0.5	0.5	0.5	
BTU [W/h]		1,313	1,313	1,657	
Mechanical	Dimension (mm / in.)	Set	1,488 x 897 x 88 mm / 58.5 x 35.3 x 3.5 in.	1,709 x 1,020 x 88 mm / 67.2 x 40.1 x 3.5 in.	1,957 x 1,160 x 99 mm / 77 x 45.6 x 3.9 in.
		Package	1,628 mm x 1,024 mm x 208 mm / 64 x 40.3 x 8.1 in.	1,863 x 1,140 x 225 mm / 73.3 x 45 x 8.9 in.	2,110 x 1,283 x 225 mm / 83 x 50 x 8.8 in.
	Weight (kg / lbs.)	Set	33.9 kg / 74.7 lbs.	45.5 kg / 100.3 lbs.	56.5 kg / 124.6 lbs.
		Package	42.9 kg / 94.6 lbs.	57.6 kg / 127 lbs.	74.3 kg / 164 lbs.
	Color		Space Gray	Space Gray	Space Gray
	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	
Operation	Accessory		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
	Operating Temperature		0°C-40°C	0°C-40°C	0°C-40°C
	Humidity		10-80%	10-80%	10-80%
Feature	Key		Android App Launcher	Android App Launcher	Android 11
	Orientation		Landscape	Landscape	Landscape
	H/W		Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Eco Sensor, WiFi/BT Module Inbox Home UI (Multi Windows supported)	Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Eco Sensor, WiFi/BT Module Inbox Home UI (Multi Windows supported)	Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Eco Sensor, WiFi/BT Module Inbox Home UI (Multi Windows supported)
	S/W	First Screen	Note app, Screenshot, Finder, Browser, etc.	Note app, Screenshot, Finder, Browser, etc.	Note app, Screenshot, Finder, Browser, etc.
		Apps	Yes	Yes	Yes
		Screen Share	Yes	Yes	Yes
	Internal Player (Embedded H/W)	Processor	A55 x 4	A55 x 4	A55 x 4
		RAM	4GB	4GB	8GB
Storage		32GB	32GB	64GB	
Operating System		Android 11 (AOSP)	Android 11 (AOSP)	Android 11	
Security		802.1 x (WPA2 Enterprise):EAP-TLS, EAP-TTLS, EAP-PEAP	802.1 x (WPA2 Enterprise):EAP-TLS, EAP-TTLS, EAP-PEAP	802.1 x (WPA2 Enterprise):EAP-TLS, EAP-TTLS, EAP-PEAP	
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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