

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 20 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	WA86C* *Official specs to be updated at a later date
Panel	Diagonal Size		65"	75"
	Type		Direct, 60Hz	Direct, 60Hz
	Resolution		3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)
	Brightness (Typ.)		390cd/m2 (without glass)	390cd/m2 (without glass)
	Contrast Ratio (Typ.)		1,200:1	1,200:1
	Viewing Angle (H/V)		178-178	178-178
Response Time (G-to-G)		8ms	8ms	
Operation Hour		16/7	16/7	
Sound	Speaker Type		Built-in Speaker (12W x 2CH)	Built-in Speaker (12W x 2CH)
Connectivity	Input	RGB	1	1
		Video	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)
	Output	USB	5 (2.0 x 1, 3.0 x 4)	5 (2.0 x 1, 3.0 x 4)
		RGB	N/A	N/A
		Video	HDMI Out (Rear)	HDMI Out (Rear)
		Audio	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)
	Internal	Touch Out	Touch Out 2 (Front 1, Rear 1)	Touch Out 2 (Front 1, Rear 1)
		Sensor	Eco Sensor	Eco Sensor
	External	Control	Touch Input	Touch Input
		RS232C In/Out, RJ45 In/Out	RS232C In/Out, RJ45 In/Out	
BT/WiFi		Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)	
Touch	Type		IR	IR
	# of Drawing		20 points touch	20 points touch
	Touch Pen Type		Passive Pen	Passive Pen
	Object Recognition Range		5mm/10mm/15mm	5mm/10mm/15mm
	Touch Response Time		≤10ms	≤10ms
	Drawing Speed (Touch latency)		≤45ms	≤45ms
	Haze		25%	25%
	Thickness		3.2T	3.2T
Hardness		Tempered Glass	Tempered Glass	
Power	Type		Internal	Internal
	Power Supply		AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Power Consumption	Max [W/h]	385W	385W
		Typical [W/h]	200W	200W
		Rating [W/h]	350W	400W
		Stand-by [W/h]	0.5	0.5
BTU [W/h]		1,314	1,314	
Mechanical	Dimension (mm / in.)	Set	1,488 x 897 x 88mm / 58.5 x 35.3 x 3.5 in.	1,709 x 1,020 x 88mm / 67.2 x 40.1 x 3.5 in.
		Package	1,628 x 1,005 x 208mm / 64 x 39.5 x 8.1 in.	1,863 x 1,140 x 225mm / 73.3 x 45 x 8.9 in.
	Weight (kg / lbs.)	Set	34.8kg / 76.7 lbs.	46.4kg / 102.3 lbs.
		Package	48.7kg / 107.3 lbs.	62.9kg / 138.7 lbs.
	Color		Space Gray	Space Gray
	VESA Mount		600 x 400	800 x 400
	Protection Glass		Yes	Yes
	Stand Type		Wall Mount	Wall Mount
	Media Player Option Type		OPS Slot support	OPS Slot support
	Rotation		Landscape only	Landscape only
Power Cable Length		3m	3m	
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	
Operation	Operating Temperature		0°C-40°C	0°C-40°C
	Humidity		10-80%	10-80%
	Key		Android App Launcher	Android App Launcher
Feature	Orientation		Landscape	Landscape
	H/W		Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Eco Sensor, WiFi/BT Module Inbox	Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Eco Sensor, WiFi/BT Module Inbox
	S/W	First Screen	Home UI (Multi Windows supported)	Home UI (Multi Windows supported)
		Apps	Note app, Screenshot, Finder, Browser, etc.	Note app, Screenshot, Finder, Browser, etc.
		WebRTC	Yes	Yes
		Screen Share	Yes	Yes
	Internal Player (Embedded H/W)	Processor	A55 x 4	A55 x 4
		RAM	4GB	4GB
		Storage	32GB	32GB
		Operating System	Android 11 (AOSP)	Android 11 (AOSP)
Security		802.1x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x (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
	Optional	Stand Mount	N / A (3rd party company stand/mount can be supported through VESA)	N / A (3rd party company stand/mount can be supported through VESA)

* This specification is not a finalized version, so some specifications may change in April '23.

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