## **Specifications**

Diagonal Size 65' 75'   Panel Resolution 3,840 x 2,160 (Landscape) 3,840 x 2,160 (Landscape)   Brightness (Typ.) 400cd/m² 400cd/m²   Contrast Raio (Typ.) 1,200:1 1,200:1   Viewing Angle (H/V) 178:178 178:178   Display Dynamic C/R 5,000:1 6,500:1   Sound Speake Type Builtin Speaker (12W x 2CH) Built in Speaker (12W x 2CH)   NPUT RGB 1 1   NUECO HDM13 (Rear 2, Front 1), USB C (Front), OPS HDM13 (Rear 2, Front 1), USB C (Front), OPS HDM13 (Rear 2, Front 1), USB C (Front), OPS   UPUT RGB N/A N/A   VIDEO HDM13 (Rear 2, Front 1), USB C (Front), OPS HDM13 (Rear 2, Front 1), USB C (Front), OPS   UPUT RGB N/A N/A   VIDEO HDM10 t (Rear 1) 1 (Stereo Mini Jack)   UBB 5 (2.0 x 1, 3.0 x 4) 5 (2.0 x 1, 3.0 x 4)   UBB S (2.0 x 1, 3.0 x 4) S (2.0 x 1, 3.0 x 4)   UBB VIDEO HDM10 dt (Rear)   HDM1 0 tot (Rear) <	86" Direct, 60Hz 3,840 x2,160 (Landscape) 400cd/m² 1,200:1 178:178 8ms 6,500:1 Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2,0 x1, 3,0 x4) N/A HDMI Out (Rear) 1 (Stereo Mini Jack)
PanelImage: Image:	Direct, 60Hz 3,840 x 2,160 (Landscape) 400cd/m <sup>2</sup> 1,200-1 178-178 8ms 6,500-1 Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2.0 x 1, 3.0 x 4) N/A HDMI Out (Rear)
Resolution 3,840 x 2,160 (Landscape) 3,840 x 2,160 (Landscape)   Brightness (Typ.) 400cd/m² 400cd/m²   Contrast Ratio (Typ.) 1,2001 1,2001   Viewing Angle (H/V) 12017 1,2001   Response Time (G-to-G) 8ms 8ms   Display Dynamic (/R 5,0001 6,5001   Sound Speaker Type Built in Speaker (12W x 2CH) Built in Speaker (12W x 2CH)   NPUT RGB 1 1 1   NUDIO HDM13 (Rear 2, Front 1), USB C (Front), OPS HDM13 (Rear 2, Front 1), USB C (Front), OPS HDM13 (Rear 2, Front 1), USB C (Front), OPS   USB 5 (2.0 x1, 3.0 x4) 5 (2.0 x1, 3.0 x4) 5 (2.0 x1, 3.0 x4)   USB 5 (2.0 x1, 3.0 x4) N/A N/A   VIDEO HDMI Out (Rear) HDMI Out (Rear) MOM Out (Rear)   VIDEO HDMI Out (Rear) MOM Out (Rear) N/A   VIDEO HDMI Out (Rear) MOM Out (Rear) MOM Out (Rear)   INPUT RGB N/A N/A N/A   VIDEO HDMI Out (Rear)	3,840 x 2,160 (Landscape) 400cd/m <sup>2</sup> 1,200-1 178-178 8ms 6,500-1 Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2,0 x 1, 3,0 x 4) N/A HDMI Out (Rear)
Brightness (Typ.) 400cd/m² 400cd/m²   Contrast Ratio (Typ.) 1,200:1 1,200:1   Contrast Ratio (Typ.) 1,200:1 1,200:1   Viewing Angle (H/V) 178:178 178:178   Response Time (G-to-G) 8ms 8ms   Display Dynamic (/r 5,000:1 6,500:1   Sound Speak=Type Built in Speaker (12W x 2CH) Built in Speaker (12W x 2CH)   NPUPT RGB 1 1   VIDEO HDMI 3 (Rear 2, Front 1), USB C (Front), OPS HDMI 3 (Rear 2, Front 1), USB C (Front), OPS   OUTPUT RGB N/A 1   VIDEO HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack)   USB 5 (2.0 x 1, 3.0 x 4) 5 (2.0 x 1, 3.0 x 4)   VIDEO HDMI 0ut (Rear) HDMI 0ut (Rear)   VIDEO HDMI 0ut (Rear) HDMI 0ut (Rear)   VIDEO HDMI 0ut (Rear) 1 (Stereo Mini Jack)   Touch Out Touch Out 2 (Front 1, Rear1) 1 (Stereo Mini Jack)   Touch Out Touch Out 2 (Front 1, Rear1) 1 (Stereo Mini Jack)	400cd/m <sup>2</sup> 1,200:1 178:178 8ms 6,500:1 Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2,0 x 1, 3.0 x 4) N/A HDMI Out (Rear)
	1,200:1 178:178 8ms 6,500:1 Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2,0 x 1, 3, 0, x 4) N/A HDMI Out (Rear)
	178:178 8ms 6,500:1 Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2,0 x 1, 3, 0, x 4) N/A HDMI Out (Rear)
Response Time (G-to-G) 8ms 8ms   Display Dynamic C/R 5,000-1 6,500-1   Sound Speaker Type Built in Speaker (12W x 2CH) Built in Speaker (12W x 2CH)   NPATH RGB 1 1   NPATH 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) 1 (Stereo Mini Jack)   USB 5 (2.0 x1, 3.0 x 4) 5 (2.0 x1, 3.0 x 4) 1 (Stereo Mini Jack)   OUTPUT RGB NA N/A N/A   VIDEO HDMI 0ut (Rear) HDMI 0ut (Rear) 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   OUTPUT RGB N/A N/A 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   INTERNAL SENSOR Eco Sensor Eco Sensor Eco Sensor Eco Sensor   EXTERNAL CONTROL RS322 (L/Out, R445 In/Out RS322 (L/Out, R445 In/Out RS322 (L/Out, R445 In/Out Sensor	8ms 6,500:1 Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2.0 x 1, 3.0 x 4) N/A HDMI Out (Rear)
Display Dynamic C/R 5,000:1 6,500:1   Sound Speaker Type Built in Speaker (12W x 2CH) Built in Speaker (12W x 2CH)   NPUT RGB 1 1   INPUT RGB 1 1   AUDIO HDM1 3 (Rear 2, Front 1), USB C (Front), OPS HDM3 (Stere 7, Front 1), USB C (Front), OPS   OUTPUT RGB NA 1 (Stere 7, 10, 13, 0, 24)   USB 5 (2, 0, 1, 3, 0, 24) 5 (2, 0, 1, 3, 0, 24)   OUTPUT RGB NA N/A   UDEO HDMI Out (Rear) HDMI Out (Rear)   OUTPUT RGB NA N/A   INEXT SENSOR Eco Sensor Eco Sensor   Touch Out Touch Out 2 (Front 1, Rear1) Touch Out 2 (Front 1, Rear1)   INTERNAL SENSOR Eco Sensor Eco Sensor   EXTERNAL CONTROL R5322 (L/Out, R43 In/Out R5322 (L/Out, R43 In/Out	6,500:1 Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2, 0x 1, 3, 0 x 4) N/A HDMI Out (Rear)
Display Dynamic C/R 5,000:1 6,500:1   Sound Speaker Type Built in Speaker (12W x 2CH) Built in Speaker (12W x 2CH)   NPUT RGB 1 1   INPUT RGB 1 1   AUDIO HDM1 3 (Rear 2, Front 1), USB C (Front), OPS HDM1 3 (Rear 2, Front 1), USB C (Front), OPS   OUTPUT RGB NA 1 (Stereo Mini Jack)   USB 5 (2.0 x1, 3.0 x 4) 5 (2.0 x1, 3.0 x 4)   OUTPUT RGB NA N/A   OUTPUT RGB NA N/A   Touch Out Touch Out (Rear) HDMI Out (Rear)   INTERNAL SENSOR Eco Sensor Eco Sensor   EXTERNAL CONTROL R532C (1/Out, R43 In/Out R532C (1/Out, R43 In/Out	Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2,0 x 1, 3,0 x 4) N/A HDMI Out (Rear)
Sound Speaker Type Built in Speaker (12W x 2CH) Built in Speaker (12W x 2CH)   NPUT RGB 1 1   INPUT RGB 1 1   AUDIO HDMI 3 (Rear 2, Front 1), USB C (Front), OPS HDMI 3 (Rear 2, Front 1), USB C (Front), OPS   UNPUT AUDIO 10 (Stereo Mini Jack) 1   USB 5 (2.0 x 1, 3.0 x 4) 5 (2.0 x 1, 3.0 x 4)   OUTPUT RGB N/A N/A   AUDIO HDMI Out (Rear) HDMI Out (Rear) 1   OUTPUT RGB N/A N/A   AUDIO 1 (Stereo Mini Jack) 1 1   Touch Out 1 (Stereo Mini Jack) 1 (Stereo Mini Jack) 1   Touch Out 1 (Stereo Mini Jack) 1 (Stereo Mini Jack) 1   Touch Out Touch Out (Lear) 1 (Stereo Mini Jack) 1   INTERNAL SENSOR EcoSensor Eco Sensor   EXTERNAL CONTROL R5232C In/Out, R435 In/Out R5323C In/Out, R5332 NOU	Built in Speaker (12W x 2CH) 1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2,0 x 1, 3,0 x 4) N/A HDMI Out (Rear)
RGB 1   INPUT RGB 1   VIDEO HDMI3 (Rear 2, Front 1), USB C (Front), OPS HDMI3 (Rear 2, Front 1), USB C (Front), OPS   JUDIO 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   USB 5 (2.0 x1, 3.0 x4) 5 (2.0 x1, 3.0 x4)   VIDEO HDMI0 (Rear) HDMI0 (Rear)   VIDEO HDMI0 (Rear) HDMI0 (Rear)   VIDEO HDMI0 (Rear) 1 (Stereo Mini Jack)   Touch Out 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   INTERNAL SENSOR Eco Sensor   EXTERNAL CONTROL R523C (In/out, R45 In/Out	1 HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2,0 x1, 3,0 x 4) N/A HDMI Out (Rear)
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)   USB 5 (2.0 x1, 3.0 x4) 5 (2.0 x1, 3.0 x4)   VIDEO HDMI 0ut (Rear) N/A   VIDEO HDMI 0ut (Rear) 10 (Stereo Mini Jack)   OUTPUT RGB N/A   AUDIO 10 (Stereo Mini Jack) 10 (Stereo Mini Jack)   Touch Out Touch Out (Rear) 10 (Stereo Mini Jack)   INTERNAL SENSOR Eco Sensor   EXTERNAL CONTROL RS322 (In/Out, R43 In/Out	HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2.0 x 1, 3.0 x 4) N/A HDMI Out (Rear)
INPUT AUDIO 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   USB 5 (2.0 x1, 3.0 x4) 5 (2.0 x1, 3.0 x4)   VUED KGB N/A   VIDEO HDMI Out (Rear) HDMI Out (Rear)   AUDIO 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   INTERNAL SENSOR Eco Sensor   EXTERNAL CONTROL R532C (In/Out, R43 In/Out	1 (Stereo Mini Jack) 5 (2.0 x 1, 3.0 x 4) N/A HDMI Out (Rear)
Image: Connectivity AUDIO 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   0UTPUT USB 5 (2.0 x1, 3.0 x4) 5 (2.0 x1, 3.0 x4)   0UTPUT RGB N/A N/A   VIDEO HDMIOut (Rear) HDMI Out (Rear)   AUDIO 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   Touch Out Touch Out 2 (Front 1, Rear1) Touch Out 2 (Front 1, Rear1)   INTERNAL SENSOR Eco Sensor   EXTERNAL CONTROL R532C (In/Out, R45 In/Out	5 (2.0 x 1, 3.0 x 4) N/A HDMI Out (Rear)
RGB N/A N/A   OUTPUT RGB 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, Rear1) Touch Out 2 (Front 1, Rear1) Touch Out 2 (Front 1, Rear1)   INTERNAL SENSOR Eco Sensor Eco Sensor   EXTERNAL CONTROL RS322 C in/Out, PL45 In/Out RS322 C in/Out, PL45 In/Out	N/A HDMI Out (Rear)
VIDEO HDMI Out (Rear) HDMI Out (Rear)   AUDIO 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   Touch Out Touch Out 2 (Front 1, Rear1) Touch Out 2 (Front 1, Rear1)   INTERNAL SENSOR Eco Sensor   EXTERNAL CONTROL Touch Input   R5232C In/Out, R445 In/Out R5323C In/Out, R445 In/Out	HDMI Out (Rear)
VIDEO HDMI Out (Rear) HDMI Out (Rear)   AUDIO 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   Touch Out Touch Out 2 (Front 1, Rear1) Touch Out 2 (Front 1, Rear1)   INTERNAL SENSOR Eco Sensor   EXTERNAL CONTROL R522C (In/Out, Fu45 In/Out	HDMI Out (Rear)
OUTPUT AUDIO 1 (Stereo Mini Jack) 1 (Stereo Mini Jack)   Touch Out Touch Out Touch Out 2 (Front 1, Rear1) Touch Out 2 (Front 1, Rear1)   INTERNAL SENSOR Eco Sensor Eco Sensor   EXTERNAL CONTROL RS232C In/Out, F445 In/Out Touch Input	
Touch Out Touch Out 2 (Front 1, Rear1) Touch Out 2 (Front 1, Rear1)   INTERNAL SENSOR Eco Sensor Eco Sensor   EXTERNAL CONTROL Touch Input Touch Input   EXTERNAL CONTROL RS232C In/Out, FA45 In/Out RS232C In/Out, FA45 In/Out	
INTERNAL SENSOR Eco Sensor Eco Sensor   EXTERNAL CONTROL Touch Input Touch Input   RS232C In/Out, RJ45 In/Out RS232C In/Out, RJ45 In/Out RS232C In/Out, RJ45 In/Out	
EXTERNAL CONTROL Touch Input Touch Input Touch Input R\$232C In/Out, R!45 In/Out R\$232C In/Out, R!45 In/Out	Touch Out 2 (Front 1, Rear 1)
EX LERNAL CUN I ROL RS232C In/Out, RJ45 In/Out RS232C In/Out, RJ45 In/Out	Eco Sensor
RS232C In/Out, RJ45 In/Out RS232C In/Out, RJ45 In/Out	Touch Input
BT/WTF1 Yes (Keyboard/Mouse) Yes (Keyboard/Mouse)	RS232C In/Out, RJ45 In/Out
	Yes (Keyboard/Mouse)
Type IR IR	IR
# of Touch 40 points 40 points	40 points
Touch Pen Type Passive Pen Passive Pen Passive Pen	Passive Pen
Object Decognition Pange 5mm/10mm/15mm 5mm/10mm/15mm	5mm/10mm/15mm
	≤10ms
Drawing Speed (Touch Latency) 445ms 445ms	≤45ms
Haze 25% 25%	25%
Thickness 3.2T 3.2T	3.2T
Type Internal Internal	Internal
Power Supply AC100-240V 50/60Hz AC100-240V 50/60Hz	AC100-240V 50/60Hz
Max [W/h] 385W 385W	486W
194.01W //EC.62097 Moacurement Standard) 169.30W //EC.62097 Measurement Standard)	205.84W (IEC 62087 Measurement Standard)
	183.55W (Energy Star 8.0 Standard)
Dating [W/b] ZEOW 400W	500W
Consumption Rading (W/II) 550W 400W 400W	0.5
BTU [W/h] 1,313 1,313	1,658
Dimension (mm) Set 1,488 × 897 × 88mm 1,709 × 1,020 × 88mm	1,957 × 1,160 × 99mm
Package 1,628 × 1,024 × 208mm 1,863 × 1,140 × 225mm	2,110 × 1,283 × 225mm
Weight (kg) Set 333%g 455kg	56.5kg
Package 42.9kg 57.6kg	74.3kg
VESA Mount 600 x 400 800 x 400	800 x 600
Mechanical 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 Bezel Color Space Gray Space Gray	Space Gray
Operating Temperature 0°C~40°C 0°C~40°C	0°C~40°C
Operation Humidity 10-80% 10-80%	10~80%
Key Android App Launcher Android App Launcher	Android App Launcher
Orientation Landscape Landscape	Landscape
	erlay (IR), Front Connectivity, OPS I/F Support (w/OPS
Eco Sensol, wiri/BT Module inbox Box/, Eco Sensol, wiri/BT Module inbox	Box), Eco Sensor, WiFi/BT Module Inbox
First Screen Home UI (Multi Windows supported) Home UI (Multi Windows supported)	Home UI (Multi Windows supported)
S/W Apps Nate app, ScreenShare, Finder, Browser, etc Nate app, ScreenShare, Finder, Browser, etc	Note app, ScreenShare, Finder, Browser, etc
Feature WebRTC Yes Yes	Yes
Screen Share Yes Yes	Yes
Processor A55 x 4 A55 x 4	A55 x 4
	8GB
internat Prayer	64GB
(Embedded H/W) Storage 32GB 32GB	Android 11 (AOSP)
(Embedded H/W) Storage 32GB 32GB 32GB	
Interlial Payer Storage 32GB 32GB   (Embedded H/W) Operating System Android 11 (AOSP) Android 11 (AOSP)	802.1 x (WPA2 Enternrise)
(Embedded H/W) Storage 32GB 32GB 32GB	802.1 x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP
Interint (Hayer Storage 32GB 32GB   (Embedded H/W) Operating Android 11 (AOSP) Android 11 (AOSP)   System 802.1 x (WPA2 Enterprise) 802.1 x (WPA2 Enterprise) 802.1 x (WPA2 Enterprise)   Security : EAP-TLS, EAP-TL	
Interint Payer Storage 32GB 32GB   (Embedded H/W) Operating System Android 11 (AOSP) Android 11 (AOSP)   Security 802.1 x (WPA2 Enterprise) : EAP-TLS, EA	: EAP-TLS, EAP-TTLS, EAP-PEAP
Storage 32GB   Operating Android 11 (AOSP)   System 8021 x (WPA2 Enterprise)   Security : EAP-TLS, EAP-PEAP   Included Power Cord, Remote Controller, HDMI Cable,	: EAP-TLS, EAP-TTLS, EAP-PEAP Power Cord, Remote Controller, HDMI Cable,

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Samsung Electronics Co., Ltd. 416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772, Korea



# **Interactive Display**

## **Unlimited Learning Possibilities**

Introducing Samsung's WAC Series: an interactive display that provides an engaging educational experience for the classroom of the future. As an Android OS-based product, the display offers a familiar and intuitive user experience for teachers and students, encouraging improved learning due to its compatibility and intelligent apps that can be added to the custom home screen bar for convenience. And in partnership with Radix, remote whiteboard management across educational environments, from smaller classrooms to lecture halls, is more efficient and stable. WAC series also supports a cloud-based account function so teachers can login to their accounts using a QR code, and setup their familiar classroom from anywhere, on any WAC product.

## **Key features**



#### Android OS

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



#### Easy Multitasking

A variety of screen modes, including split screen and multi window, make it easy to display and read multiple windows at the same time.



#### Powerful Screen Sharing

Users can share up to nine screens at once for maximum productivity. With this feature, content is shared between the large display and individual devices, and vice versa, to engage every student.

\* Screen sharing is available on devices with the following conditions / Chrome 38 and higher / Android 5.1 and higher / iOS 10.0 and higher



#### Intelligent Apps for Classrooms

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.



#### **Device Management Solution**

A device management solution powered by Radix is essential to advancing educational environments. This solution optimizes the remote management of whiteboard settings and apps, guaranteeing operational efficiency and stability.

\* This DMS solution is supported free of charge for one year. Ho policies. For further details, please contact your local manager.



### **Cloud-based Account**

Cloud-based account support amplifies data security and provides a personalized experience. Users can login to their accounts and access familiar settings from anywhere, on any WAC products.