A SERIES

AVOCOR A SERIES DATASHEET

65” | 75” | 86”



OVERVIEW

The Avocor A Series is designed to transform educational spaces into interactive and engaging environments, supporting both in-person and distance learning. With its EDLA certification, the A Series seamlessly integrates into educational ecosystems, enabling schools and universities to enhance student engagement and streamline remote instruction.

These displays are built for flexibility, with powerful 4K resolution, superior touch technology, and robust connectivity to meet the evolving needs of modern classrooms.

The A Series is equipped with a detachable 4K camera and advanced microphone array, ensuring remote students experience the same level of interaction as those physically present. This solution empowers educators to deliver immersive lessons that bridge the classroom and remote environments, fostering a more inclusive learning experience.

The A Series is the ultimate tool for modernizing education and creating impactful learning experiences for all students, no matter where they are.

SOLUTION

Highlights

Google EDLA CERTIFIED

EDLA Certified
Access to the Google Play Store, allowing seamless installation of educational apps for enhanced learning and interaction.

Built for Distant Learning
With a detachable 4K camera and 10-microphone array, ensuring clear communication for remote students.

Advanced Touch Technology
Supports up to 40 simultaneous touch points, making it ideal for interactive lessons.

Immersive 4K Displays
Available in 65”, 75”, and 86” sizes, featuring zero air gap and anti-glare glass for enhanced touch accuracy

avocor

SPECIFICATIONS

DISPLAY	AVA-6520	AVA-7520	AVA-8620
Size	65”	75”	86”
Backlight	Direct-lit LED		
Aspect Ratio	16:9		
Resolution	3840x 2160 @ 60Hz		
Response Time	3.3 ms (1 Touch)		
Brightness (max w/glass)	500 (cd/m2)		
Contrast Ratio	1200:1		
Viewing Angle	178° / 178°		
Supported Colors	10-bit (D), 1.07 Billion colors		
Display Orientation	Landscape		
TOUCH SYSTEM			
Touch Points	40 Multi-touch points		
Glass	Zero bond, anti-fingerprint, double-sided anti-glare		
Supported OS	Android 13.0		
CPU			
CPU	A76x4 + A55x4		
GPU	Mali-G610 MC4		
RAM/ROM	RAM/ROM 8 GB / 64 GB		
Android version	Android 13		
CONNECTIVITY			
Front Inputs	Type C (DP Alt-mode, USB, 15W PD) x 1, HDMI 2.0 x 1, USB-B 2.0 x 1, USB-A 3.0 x 3		
Bottom Inputs	MIC in (3.5mm) x 1, Line out (3.5mm) x 1, S/PDIF x 1, RS232c (D-Sub9) x 1, HDMI 2.1 out x 1, Type C (15W PD) out x 1, LAN x 2, USB-A 3.0 (Android only)		
Side IO	HDMI 1.4b x 1, HDMI 2.0 x 2, USB-B 3.0 (for touch), Type C (DP Alt-mode, USB, 65W PD) x 1, USB-A 3.0 x 1, USB-A 2.0 x 2, DP x 1, SD CARD x 1		
Audio	MIC IN (3.5 mm), RS232c x 1, LINE OUT (3.5 mm) x 1, S/PDIF x 1		
Control	1 x RS232c, 2 x LAN Ethernet (RJ-45)		
OPS Slot	Yes		
WiFi	WiFi 5.0 and Bluetooth 5.1		
AUDIO			
Built-in Speakers	2.1 Channel (2 x 16W speakers + 20W subwoofer)		
Microphone Array	10-element linear isometric array, omnidirectional with 8m pickup range, noise and echo cancellation		
Camera	Detachable 4K camera, 13MP Sony IMX214 sensor, 123° field of view, fixed focus at 2m, 30fps, with 2D/3D noise reduction, auto white balance, and exposure regulation		
PHYSICAL SPECIFICATIONS			
Screen Dimensions (L x W x H)	1499 x 87 x 954 mm (59.02" x 3.43" x 37.5")	1721 x 87 x 1079 mm (67.72" x 3.43" x 42.48")	1967 x 87 x 1218 mm (77.48" x 3.43" x 48.03")
Shipping Dimensions (L x W x H)	1613 x 216 x 1050 mm (63.47" x 8.50" x 41.34")	1830 x 216x 1175 mm (72.05" x 8.50" x 46.38")	2071 x 216 x 1317 mm (81.54" x 8.50" x 51.85")
Bezel Dimensions	3 mm all sides		
Weight (Net)	42 kg (92.5 lbs)	56 kg (123 lbs)	70 kg (154 lbs)
Weight (Gross)	54 kg (119 lbs)	70 kg (154 lbs)	86 kg (189 lbs)
Wall Mount (VESA)	500 x 400 (mm), M8 Screw	600 x 400 (mm), M8 Screw	800 x 400 (mm), M8 Screw
IPC Mount	None		
Handles	2		
SENSORS			
Type	IR		
POWER			
Max Power Consumption	Total <= 280W	Total <= 330W	Total <= 440W
ENVIRONMENTAL			
Operating Temperature	0°C to 40°C		
Storage Temperature	-20°C to 60°C		
Humidity	20% to 85%		
WHAT COMES IN THE BOX			
	1 x Remote control, Wall mount, AC power cord, 1 x USB-A/B 2.0 cable, 1 x HDMI cable, 1 x Quick Start Guide, NFC card x 2, eraser x 1, stylus x 2, extra stylus tips		
WARRANTY			
	Terms and conditions vary via region, please click here		

BUY IT WITH

Upgrade your solution with:

www.avocor.com



5 Year Warranty



OPS PC



Austere Clean & Protect



Avocor Mobile Stand

Details are subject to change without notice. All other logos and trademarks acknowledged. E&OE.
Version date: 01/30/2025

avocor