



AVOCOR E50 SERIES DATASHEET

55" | 65" | 75" | 86"



OVERVIEW

The E50 Series displays from Avocor offer an exceptional collaboration experience, ideal for education, corporate, and government environments. With advanced IR touch technology, the E50 Series supports up to 40 points of touch, allowing for seamless interaction and collaboration. This series is designed to enhance user engagement through intuitive and responsive touch capabilities, making it perfect for scaling across various organizational needs.

The E50 Series features superior glass technology, providing a smooth and accurate writing experience with low latency. Users can effortlessly switch between using a pen, finger, or palm, ensuring a fluid and natural collaborative environment in real-time. Additionally, the E50 Series includes multiple front-facing connectivity options, such as USB and Type-C ports, integrated into the Connect and Control bar, along with Avocor's UiQ touch-enabled interface for easy access and control.

SOLUTION Highlights



Avocor UiQ - smart touch enabled dynamic user interface.



FUSE - cloud-based display & software management platform for IT Managers.



Superior glass technology provides an extremely accurate writing experience.



Stunning 4K resolution for crystal-clear visuals.

DisplayNote Montage



Featuring Montage for seamless wireless sharing and Rise Vision for dynamic digital signage, transforms idle displays into hubs of interactive team collaboration

SPECIFICATIONS

DISPLAY	AVE-5550	AVE-6550	AVE-7550	AVE-8650
Size	55	65	75	86
Backlight	Direct-lit LED			
Aspect Ratio	16:9			
Resolution	3840 x 2160 @ 60Hz			
Response Time	8 ms			
Brightness	400 (cd/m2)			
Contrast Ratio	1200:1			
Viewing Angle	178° / 178°			
Supported Colors	10 Bit 1.07 Billion Color			
Display Orientation	Landscape			
TOUCH SYSTEM				
Interface	1 x USB-C, 4 x USB-B 3.0			
Touch	Up to 40 Point IR Touch - supports 1 x fine tip stylus			
Glass	Zero parallax, zero-bond, anti-glare, anti-fingerprint glass			
Supported operating system	Windows up to 11; Mac OSX; Linux; Chrome			
CPU				
Chipset	Amlogic 311D2			
CPU	Cortex A73*4 + A53*4			
GPU	MaliG52 MP8			
RAM/ROM	4/32GB			
Android version	13			
CONNECTIVITY				
Front Inputs/Guest Inputs	1 x Type-C (65W PD), 1 x HDMI 2.0, 1 x USB-B 3.0 touch, 2 x USB-A 3.0 Hub			
Side Inputs	2 x HDMI 2.0, 1 x DisplayPort 1.2, 1 x Type C (15W PD), HDCP 2.2, 3 x USB-B 3.0 Touch, 2 x USB-A 3.0 Hub, 1 x USB-A Service Port, 1 x HDMI Out (Support 4K@60Hz, 1920x1080@60Hz)			
Audio	1 x 3.5mm audio out, 1 x optical (SPDIF)			
Control	1 x RS-232, 1 x LAN Ethernet (RJ-45) in, 1 x LAN Ethernet (RJ-45) out			
Ops Slot	Yes, 3840 x 2160 @ 60Hz			
Wi-Fi	Yes			
AUDIO				
Built-in Speakers	2 x 15W - forward facing			
Microphone Array	No			
Camera	No			
Presence Sensor	Yes (except 55")			
DISPLAY & REMOTE FUNCTIONS				
Auto-Source-Detection	Yes			
Source Preview	Yes			
PHYSICAL SPECIFICATIONS				
Product dimensions	1289.5 x 92.6 x 791.6mm 50.76 x 3.64 x 31.6 in	1482.1 x 87.7 x 897.4mm 58.3 x 3.45 x 35.33 in	1716.5 x 86.9 x 1031.8mm 67.5 x 3.42 x 40.62 in	1961.8 x 87.7 x 1169.9mm 77.2 x 3.45 x 46.05 in
Shipping dimensions	1420 x 220 x 870mm 55.9 x 8.66 x 34.2 in	1660 x 220 x 1010mm 65.3 x 8.66 x 39.7 in	1900 x 225 x 1125mm 74.8 x 8.8 x 44.2 in	2160 x 225 x 1310mm 85 x 8.8 x 51.5 in
Weight	Net: 29 kgs 64 lbs Gross: 35 kgs 77 lbs	Net: 38 kgs 84 lbs Gross: 46 kgs 101 lbs	Net: 52.2 kgs 115 lbs Gross: 61.5 kgs 136 lbs	Net: 65.5 kgs 144 lbs Gross: 77 kgs 170 lbs
Wall mount (VESA)	400 x 400mm Included	800 x 400mm Included	800 x 400mm Included	800 x 600mm Included
Handles	2			
IPC Mount	100 x 100 mm			
POWER				
Power Supply	AC100-240V (worldwide), 50/60Hz			
Max Power Consumption	210W (w/o OPS)	380W (w/o OPS)	380W (w/o OPS)	460W (w/o OPS)
Standby	≤0.5W			
ENVIRONMENTAL				
Operating temperature	0°C ~ 40°C			
Storage temperature	-20°C ~ 60°C			
Humidity	20% ~ 85%			
WHAT COMES IN THE BOX				
	1 x Remote control & batteries, 2 x 3mm fine-tip passive touch styluses, AC power cords (1 x UK, 1 x EU, 1 x US, 1 x AUS), 1 x USB-B3.0 cable (3m 118.1 in), 1 x HDMI cable (3m 118.1 in), 1 x Type-C Cable (1.8m 70.9 in)			
WARRANTY				
	Terms and conditions vary via region, please click here			

BUY IT WITH

Upgrade your solution with:

www.avocor.com



Extended warranty



GroupShare
Secure and simple one-touch access to your apps.



Avocor OPS
Seamless interoperability with Avocor displays.



Austere Clean & Protect



Additional remote



Additional stylus



Avocor Mobile Stand

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* Please note up to 40 point touch in PC mode with Windows up to 11. Mac OSX and Linux only supports single touch.

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