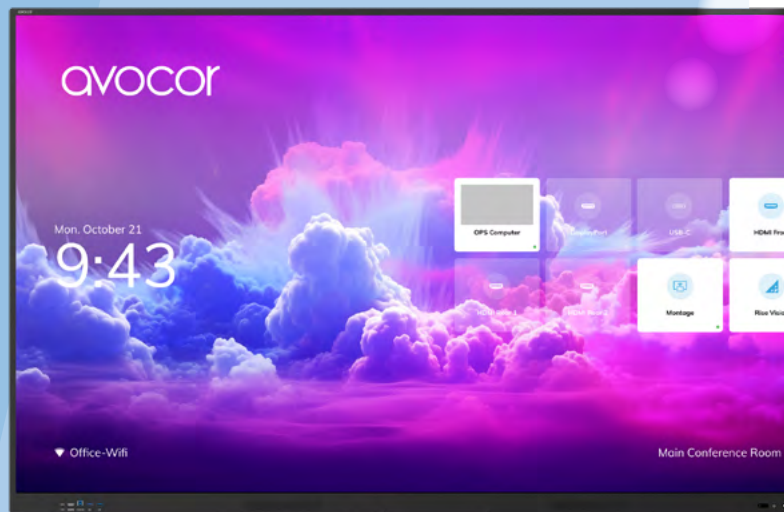# AVOCOR E50 SERIES DATASHEET

55" | 65" | 75" | 86"

OVERVIEW

The Avocor E50 Series sets a new standard in interactive collaboration displays. Ideal for education, corporate, and government environments, the E50 incorporates stunning 4K resolution, intuitive screen sharing functions, and user-friendly connectivity with advanced IR touch control.

The E50 Series is built to support next-generation hybrid workflows and comes pre-loaded with leading screen sharing and digital signage apps from DisplayNote Montage and Rise Vision.

The E50 enhances user engagement through responsive touch capabilities with superior glass technology, providing a smooth and accurate writing experience at low latency. Users can effortlessly switch between stylus, finger, or palm, ensuring a fluid and natural collaborative environment in real-time.

For instant Bring-Your-Own-Meeting (BYOM) and hassle-free presentations, the E50 Series includes multiple front facing guest connectivity options: USB-A, USB-B, Type-C, and HDMI, along with Avocor's UiQ touch-enabled interface for easy access and control. A front-facing presence sensor ensures minimal power consumption when not in use.

SOLUTION
Highlights

UiQ 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.

4K Stunning 4K resolution for crystal-clear visuals.

DisplayNote Montage

RISE VISION

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

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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			
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			

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Upgrade your solution with:

www.avocor.com

| Extended warranty | DisplayNote Launcher** | Avocor OPS Seamless interoperability with Avocor displays. | Austere Clean & Protect | Additional remote | Additional stylus | Avocor Mobile Stand |

Details are subject to change without notice. All other logos and trademarks acknowledged. E&OE.
* Please note up to 40 point touch in PC mode with Windows up to 11. Mac OSX and Linux only supports single touch.
**DisplayNote Launcher requires a Windows OPS PC or attached Windows PC. Contact Avocor Support for details.
Version date: 10/03/2025

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