



Accurate, Superior, Affordable

The cutting-edge lightweight LED technology of the Avocor E series 86" interactive display combines first-to-market 2mm optically bonded glass with a 4K IR interactive display. The E series delivers ultra-fast 20-points of touch using Avocor Intelligent Touch, the functionality to insert an OPS unit as well as the Connect and Control bar at the bottom of the screen.



2mm optically bonded glass on a 4K IR display

The E series is the first interactive display on the market which integrates 2mm optically bonded glass into a 4K IR display producing a visually stunning interactive experience with increased brightness and contrast. With no gap between the glass and the display, parallax is eliminated giving users a pixel-perfect touch experience and a superior accuracy pen performance.



Lightweight and slimline design

The new Avocor E series interactive display represents the very latest in lightweight LED technology with an exceptionally slim bezel design, creating an aesthetically pleasing finish on a lightweight display with no heavy duty wall mounting needed.



Ultra-fast 20-points of touch

Encourage collaboration with ultra-fast 20-points of touch using Avocor Intelligent Touch. Immediately experience the superior writing capabilities as well as the benefits of simultaneous annotation, enhancing group collaboration. The display has also been optimized for Windows 10 by including the edge swipe functionality, while the anti-glare and anti-fingerprint glass provides an exceptionally smooth and natural writing experience.



Pen Aware functionality with a fine-tip passive pen

Experience superb pen performance while inking and writing with the 3mm tipped passive pen. Avocor Intelligent Touch can precisely recognize the size of the object touching it differentiating between a pen, finger or palm. Utilize the popular Microsoft 'in-app' inking features within your day-to-day applications including Word, PowerPoint, EDGE, Avocor Note by Nureva and many other apps.



Control bar

The Control bar brings simplicity to the front of the display by providing the ability to easily switch input sources without having to use the remote control. The E series also includes 20W of front facing speakers built with custom housing to deliver an increased crisp audio experience.



OPS slot functionality

Additional functionalities can be added onto this display with the OPS slot that complies with Intel's international standard for Slot in PCs and works seamlessly with Avocor's range of OPS units. The OPS slot also enables users to add a PC which conforms to their own settings for firewall and security.



Connectivity Options

Boasting a range of digital connectivity options, the E series provides a wide range of options to connect 3rd party devices. These include 2 x HDMI, 1 x DisplayPort, 1 x USB Hub, Room control and a Room automation system can be used via the RS-232 port.

DISPLAY

Diagonal Size (Inch)	86
Backlight	Direct-lit LED
Aspect Ratio	16:9
Resolution	4K, 3840 x 2160 @ 60Hz
Response Time	8 ms
Brightness	370 (cd/m2)
Contrast Ratio	4000:1
Viewing Angle	178° / 178°
Supported Colors	30-bit Deep Color
Display Orientation	Landscape

TOUCH SYSTEM

Interface	2 x USB-B 2.0
Touch	Up to 20 Point Avocor Intelligent Touch
Glass	2mm Optically Bonded, Anti-Glare, Anti Fingerprint Glass
Supported Operating System	Windows 7 / 8 / 10; Mac OSX*; Linux*

AUDIO

Built-in Speakers	2 x 10W - Forward Facing
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CONNECTIVITY

Front Buttons	Power, Source Switch, Home / OPS Source, Freeze, Blank, Volume up, Volume down
Rear IO	1 x VGA, 2 x HDMI 2.0, 1 x DisplayPort 1.2, CAT 5 control, OPS Slot, 2 x Touch Input USB 2.0-Type B, IR input
Audio	1 x 3.5mm Audio In, 1 x 3.5mm Audio Out, 1 x Optical (SPDIF)
Control	1 x RS-232
Wake up on active signal	Yes

PHYSICAL SPECIFICATIONS

Product Dimensions	1891 x 1211 x 103.8 mm 79.45 x 47.68 x 4.09 inches
Shipping Dimensions	2180 x 1340 x 340 mm 85.83 x 52.76 x 13.39 inches
Weight	Net: 79kg 174.17 lbs / Gross: 99kg 218.26 lbs
Wall Mount (VESA)	800 x 400 mm 31.50 inches x 15.75 inches
IPC Mount	N/A
OPS Slot	Yes
Handles	4

OSD & REMOTE CONTROL FUNCTIONS

Source Auto Detect Function	Yes
OSD Key Lock Function	Yes
Video Wall Mode	N/A
Freeze frame	Yes
Blank Out	Yes
Colour adjustment	5 settings - 5000K, 6500K, 7500K, 9300K, User

POWER

Power Supply	AC100-240V (Worldwide), 50/60Hz
Maximum Power Consumption	<450 W
Standby	≤0.5 W

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Humidity	20% ~ 80%

WHAT COMES IN THE BOX

1 x Remote control & batteries, 1 x 3mm passive touch pen, 1 x 6.5mm passive touch pen, 1x US AC power cord, 1 x USB-A cable (118.11 inches), 1 x USB-B cable, 1 x HDMI cable (118.11 inches), 1 x USB Drivers, 1 x USB drive with MAC Touch Drivers, 1 x USB-B cable, Eraser, Pen holder, Cleaning cloth, 1 x User Manual, 1 x Quick Start Guide

WARRANTY

Terms and conditions vary via region, please visit www.avocor.com/faq/avocor-global-warranty

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Details are subject to change without notice. All other logos and trademarks acknowledged. E&OE. *Please note up to 20-point touch in PC mode with Windows 7/8/10, Mac OSX and Linux only supports single touch.

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** Typical view dimensions without glass.
*** Weight and dimensions are approximate. Specifications and design are subject to change without notice. This product may be subject to export control regulations.