

E series
86"



Warranty
3 year RTB
as standard*

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 via the OPS slot 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 luminance and contrast. With no parallax gap between the glass and the actual display, users will have a pixel perfect touch experience with superior accuracy and 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 optimised for Windows 10 by including the edge swipe functionality, whilst the anti-glare and anti-fingerprint glass provides an exceptionally smooth and natural writing experience.



Pen Aware functionality with a 3mm tipped passive pen

Experience superb pen performance while inking and writing with the 3mm tipped passive pen. Avocor Intelligent Touch can precisely recognise the size of the object touching it differentiating between a pen, finger or palm. Utilise 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.



Connect and Control bar

The Connect and 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. You can even access content from USB drivers using the front facing USB connections as well as connecting guest devices easily through the HDMI & USB Touch connection. The E series also includes 30w 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 the 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 3 x HDMI, 1 x DisplayPort, 1 x HDMI Out, 1 x USB Hub and room control. The HDMI Out connection is ideal for dual display set up and a Room automation system can be used via the RS232 port.



Standard softwares included

Included with the E series is Avocor Note by Nureva, Qwizdom OKTOPUS software and a 3 year Ximbus subscription. Avocor Note by Nureva is a whiteboarding application designed to enable every user to create professional looking content, whilst OKTOPUS software is an interactive teaching tool design to enhance student learning with over 50 subject specific tools for a variety of curriculum topics and includes 5 Qwizdom Notes+ licences valid for 1 year. Ximbus is a convenient & easy-to-use that allows for Lesson Preparation & Presentation, Collaborative Whiteboarding and Integrates with Google G-Suite.

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DISPLAY

Diagonal Size (Inch)	86
Backlight	Direct-lit LED
Aspect Ratio	16:9
Resolution	3840 x 2160 @ 60Hz
Response Time	8 ms
Brightness	370 (cd/m2)
Contrast Ratio	4000:1
Viewing Angle	178° / 178°
Supported Colours	1.07 Billion
Display Orientation	Landscape

TOUCH SYSTEM

Interface	5x USB-A
Touch	Up to 20-Point Avocor Intelligent Touch
Glass	2mm Optically Bonded Anti-Glare, Anti-Finger Print Glass
Supported Operating System	Windows 7 / 8 / 10; Mac OSX**; Linux**

AUDIO

Built-in Speakers	8Ω / 2x 15W - Forward Facing
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CONNECTIVITY

Front Connections	1x HDMI 1.4, 1x USB-A Touch, 2x USB HUB 2.0
Side	2x HDMI 2.0, 1x DisplayPort 1.2a, 3x USB-A Touch
Rear	1x HDMI 1.4, 1x USB-A Touch, 1x LAN In Ethernet (RJ-45), 1x LAN Out Ethernet (RJ-45), 5V 2A AC Power Jack
Audio	1x 3.5mm Audio Out, 1x Optical (SPDIF)
Control	1x RS232

PHYSICAL SPECIFICATIONS

Dimensions	2018 X 1211 X 104 mm
Shipping Dimensions	2180 X 1340 X 340 mm
Weight	Net: 65 kg / Gross: 87 kg
Wall Mount (VESA)	800 mm x 400 mm
OPS Slot	Yes
Handles	4

OSD & REMOTE CONTROL FUNCTIONS

Source Auto Detect Function	Yes
Freeze frame	Yes
Blank Out	Yes
Light Settings	4x Bright, Standard, Soft & User

POWER

Power Supply	AC 100-240V (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

1x Remote control & batteries, 1x 3mm passive touch pen, 1x 6mm passive touch pen, 1x UK & 1x EU AV power cord, 2x USB cable (3000mm), 2x HDMI cable (3000mm), 2x USB-A-B adapter, 1x Quick Start Guide, 1x User Manual, 1x USB Drive - MAC Touch Drivers; Avocor Note by Nureva software installer; Qwizdom OKTOPUS software installer

WARRANTY

*UK and Northern Ireland warranty: 3 year RTB warranty as standard with a 5 year on-site upgrade option available.
USA warranty: 3 year advanced replacement warranty as standard with a 5 year upgrade option available.
EMEA and Republic of Ireland warranty: 5 year Return To Base warranty as standard.

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