

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 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 Avocor E series represents the very latest in lightweight LED technology with an exceptionally thin bezel, creating an aesthetically pleasing finish on a beautifully slim display.



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 and benefits of simultaneous annotation. The display has also been optimised 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 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 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 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 RS-232 port.



Standard softwares included

Included with the E series is Qwizdom OKTOPUS software and a 3 year Ximbus subscription.

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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 Colours | 30-bit Deep Colour |
| Display Orientation | Landscape |

TOUCH SYSTEM

| | |
|----------------------------|---|
| Interface | 5 x USB-A |
| 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 15W - Forward Facing |
|-------------------|--------------------------|

CONNECTIVITY

| | |
|-------------------|---|
| Guest Connections | 1 x HDMI 1.4, 1 x USB-A Touch, 2x USB HUB 2.0 |
| Side IO | 2 x HDMI 2.0, 1 x DisplayPort 1.2a, 3 x USB-A Touch, 1 x USB Hub 2.0, 1 x HDMI Out |
| Bottom IO | 1 x HDMI 1.4, 1 x USB-A Touch, 1 x LAN In Ethernet (RJ-45), 1 x LAN Out Ethernet (RJ-45), 5V 2A AC Power Jack |
| Audio | 1x 3.5mm Audio Out, 1x Optical (SPDIF) |
| Control | 1x RS-232 |

PHYSICAL SPECIFICATIONS

| | |
|---------------------|---|
| Product Dimensions | 2018 x 1211 x 100 mm 79.45 x 47.68 x 3.94 in |
| Shipping Dimensions | 2150 x 1320 x 310 mm 84.65 x 51.97 x 12.20 in |
| Weight | Net: 62 kg 136.69 lbs / Gross: 82.5 kg 181.88 lbs |
| Wall Mount (VESA) | 800 x 400 mm 31.50 x 15.75 in |
| OPS Slot | 3840 x 2160 @ 60Hz |
| Handles | 4 |

OSD & REMOTE CONTROL FUNCTIONS

| | |
|-----------------------------|-----------------------------------|
| Source Auto Detect Function | Yes |
| Freeze frame | Yes |
| Blank Out | Yes |
| Light Settings | 4 x Bright, Standard, Soft & 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, 2 x 3mm passive touch pen, 1 x UK & 1x EU AV power cord, 2 x USB cable (3000mm | 118.1 inches), 2 x HDMI cable (3000mm | 118.1 inches), 2 x USB-A-B adapter, 1 x Quick Start Guide, 1 x cleaning cloth

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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