



 series | interactive displays

avocor<sup>TM</sup>





Introducing the E series from Avocor that combines cutting-edge, lightweight LED technology with first-to-market 2mm optically bonded glass, delivering the most superior user experience on an IR interactive display available on the market today that is incredibly high performing yet extremely cost effective.

### Truly immersive

With lightweight LED display technology, and 4K screen resolution, users will enjoy crystal clear, stunning image clarity that creates a truly immersive visual experience, while the 2mm optically bonded glass increase contrast ratio and luminance, ensuring that screen content is always clearly visible. There is no need to increase display brightness, reducing power consumption as a result.

### Smooth and natural

Optimised for Windows 10, the E series includes edge swipe functionality, giving the E series a tablet-like feel while the optically bonded anti-glare and anti-fingerprint glass has a specially developed coating that gives an exceptionally smooth, natural touch experience.

### Intuitive collaboration

The Avocor E series includes 20 x individual, ultra-fast touch points using Avocor Intelligent Touch, making the display ideal for collaborative environments. Enjoy the benefit of the display's simultaneous annotation and writing capabilities, allowing for ultimate interactivity and facilitating group collaboration.

Intelligent touch technology includes object recognition, easily identifying between pen, finger or palm erase, delivering a smooth user experience that is fast and intuitive. Intelligent touch also enables 'in-app' inking directly into a host of applications including the Microsoft Office suite and Edge browser

### Precise and accurate

Unique on an IR display, the E series includes a 3mm tipped passive pen with pen aware functionality, users will enjoy a superior pen performance that is incredibly precise and accurate.

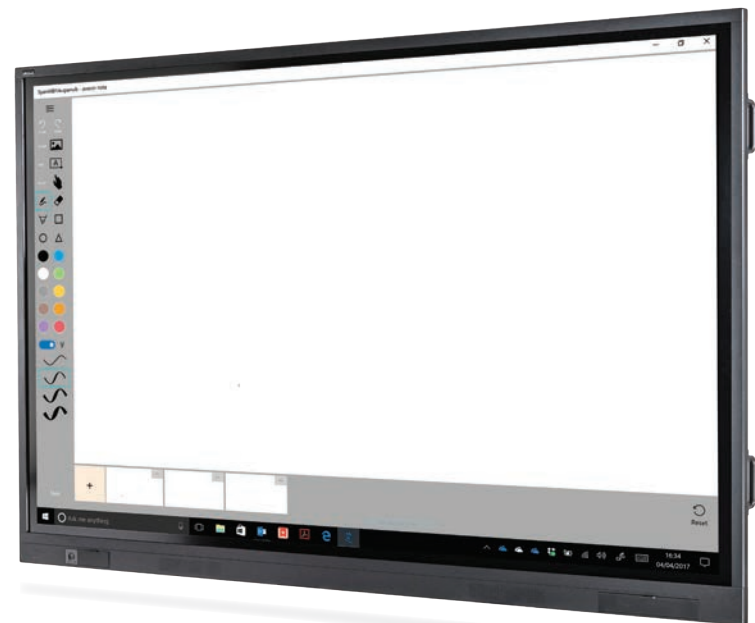
### Attractive yet durable

The E series utilises the latest in lightweight LED technology, streamlining the display bezel and offering a more aesthetically pleasing finish that enhances every space.

The optically bonded glass, makes the E series more durable and more resistant to scratches, dirt and general mis-treatment.







## Software for all

As with all Avocor displays, the E series comes with a comprehensive suite of software applications designed for every need. Qwizdom OKTOPUS education software is an interactive teaching tool that enhances student learning and is included, subscription free, with every Avocor display. Built to run on 4K, OKTOPUS features over 70 subject specific tools based on a wide range of curriculum topics and enables teachers to create and deliver highly engaging lessons that are truly immersive, interactive and collaborative.

Also included with every Avocor display is a 3-year subscription to Qwizdom Ximbus, a convenient and easy to use, cloud-based software that enables lesson preparation, lesson presentation and collaborative whiteboarding that integrates seamlessly with the Google G-Suite.



## A range of connection options

Connect and Control bar provides the ability to easily switch input sources, access content from USB drives, connect devices from HDMI & USB touch connections, all from the front of the display.

At the rear of the display, there are a wide selection of digital connectivity options including 3x HDMI,

1x DisplayPort, 1x HDMI Out, USB Hub, and RS232 room control.

The E series also includes an OPS slot which complies with the Intel International standard for Slot in PCs, providing an upgrade path that moves with your specific needs.





DISPLAY		
Diagonal Size (Inch)	65	75
Backlight	Direct-lit LED	Direct-lit LED
Aspect Ratio	16:9	16:9
Resolution	3840 x 2160 @ 60Hz	3840 x 2160 @ 60Hz
Response Time	8 ms	8 ms
Brightness	370 (cd/m2)	370 (cd/m2)
Contrast Ratio	4000:1	4000:1
Viewing Angle	178° / 178°	178° / 178°
Supported Colours	1.07 Billion	1.07 Billion
Display Orientation	Landscape	Landscape
TOUCH SYSTEM		
Interface	5x USB-A	5x USB-A
Touch	Up to 20 Point Avocor Intelligent Touch	Up to 20 Point Avocor Intelligent Touch
Glass	2mm Optically Bonded Anti-Glare, Anti Finger Print Glass	2mm Optically Bonded Anti-Glare, Anti Finger Print Glass
Supported Operating System	Windows 7 / 8 / 10; Mac OSX**; Linux**	Windows 7 / 8 / 10; Mac OSX**; Linux**
AUDIO		
Built-in Speakers	8Ω / 2x 15W - Forward Facing	8Ω / 2x 15W - Forward Facing
CONNECTIVITY		
Front Connections	1x HDMI 1.4, 1x USB-A Touch, 2x USB HUB 2.0	1x HDMI 1.4, 1x USB-A Touch, 2x USB HUB 2.0
Side Connections	2x HDMI 2.0, 1x DisplayPort 1.2a, 3x USB-A Touch, 1x USB Hub 2.0, 1x HDMI Out	2x HDMI 2.0, 1x DisplayPort 1.2a, 3x USB-A Touch, 1x USB Hub 2.0, 1x HDMI Out
Rear Connections	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	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)	1x 3.5mm Audio Out, 1x Optical (SPDIF)
Control	1x RS232	1x RS232
PHYSICAL SPECIFICATIONS		
Dimensions	1546 X 944 X 89 mm	1771 X 1071 X 104 mm
Shipping Dimensions	1705 X 1080 X 265 mm	1923 X 1215 X 280mm
Weight	Net: 40 kg / Gross: 52 kg	Net: 52 kg / Gross: 67 kg
Wall Mount (VESA)	600 mm x 400 mm	800 mm x 400 mm
OPS Slot	Yes	Yes
Handles	0	4
OSD & REMOTE CONTROL FUNCTIONS		
Source Auto Detect Function	Yes	Yes
Freeze frame	Yes	Yes
Blank Out	Yes	Yes
Light Settings	4x Bright, Standard, Soft & User	4x Bright, Standard, Soft & User
POWER		
Power Supply	AC100-240V (Worldwide), 50/60Hz	AC100-240V (Worldwide), 50/60Hz
Maximum Power Consumption	<220 W	<300 W
Standby	≤0.5 W	≤0.5 W
ENVIRONMENTAL		
Operating Temperature	0 °C ~ 40 °C	0 °C ~ 40 °C
Storage Temperature	-20 °C ~ 60 °C	-20 °C ~ 60 °C
Humidity	20% ~ 80%	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 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		1x Remote control & batteries, 1x 3mm passive touch pen, 1x 6mm passive touch pen, 1x UK & 1x EU 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 RTB warranty as standard		*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 RTB warranty as standard.

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



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
CONNECTIVITY	
Front Connections	1x HDMI 1.4, 1x USB-A Touch, 2x USB HUB 2.0
Side Connections	2x HDMI 2.0, 1x DisplayPort 1.2a, 3x USB-A Touch, 1x USB Hub 2.0, 1x HDMI Ou
Rear Connections	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	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	
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.	

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



The background is a vibrant blue with a complex, abstract pattern. It features a grid of thin, white lines that intersect to form a mesh. Overlaid on this grid are several thick, flowing, and translucent blue ribbons or waves that curve and sweep across the frame, creating a sense of dynamic movement and depth. The overall effect is futuristic and technological.

avocor

[www.avocor.com](http://www.avocor.com)