



 series | interactive displays

avocor™



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, Avocor Note by Nureva and the 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 collaborativewhiteboarding that integrates seamlessly with the Google G-Suite.

Avocor Note by Nureva is our unique whiteboarding application that comes included with all Avocor displays and features a range of interactive tools, designed to create professional and engaging whiteboard content that can be shared easily via email and the cloud.



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



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Control	1x RS232		
PHYSICAL SPECIFICATIONS		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		OSD & REMOTE CONTROL FUNCTIONS	
Source Auto Detect Function	Yes		
Freeze frame	Yes		
Blank Out	Yes		
Light Settings	4x Bright, Standard, Soft & User		
POWER		POWER	
Power Supply	AC100-240V (Worldwide), 50/60Hz		
Maximum Power Consumption	<450 W		
Standby	≤0.5 W		
ENVIRONMENTAL		ENVIRONMENTAL	
Operating Temperature	0 °C ~ 40 °C		
Storage Temperature	-20 °C ~ 60 °C		
Humidity	20% ~ 80%		
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The background is a vibrant blue abstract composition. It features a complex network of glowing, white-to-light-blue lines that intersect and curve across the frame. These lines create a sense of depth and movement, resembling a digital or scientific visualization. The overall effect is clean, modern, and high-tech.

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