F50 series

AVOCOR F SERIES DATASHEET

65", 75", 86"

ULTRA-FAST 20-POINT TOUCH

Using the latest generation touch technology from FlatFrog, the F50 series delivers a highly superior writing experience that is incredibly fast and accurate. The display responds quickly to user interaction with up to 4 passive pens or up to 20 points of simultaneous touch.

2MM OPTICALLY BONDED GLASS

Built with cutting-edge, protective glass with no parallax gap between the glass and the display, providing users with a pixel perfect touch experience. Enjoy the latest in 4K LCD technology that contributes to a lighter, thinner display that is incredibly energy efficient, while the anti-glare and anti-fingerprint glass ensure that content is always clearly visible.
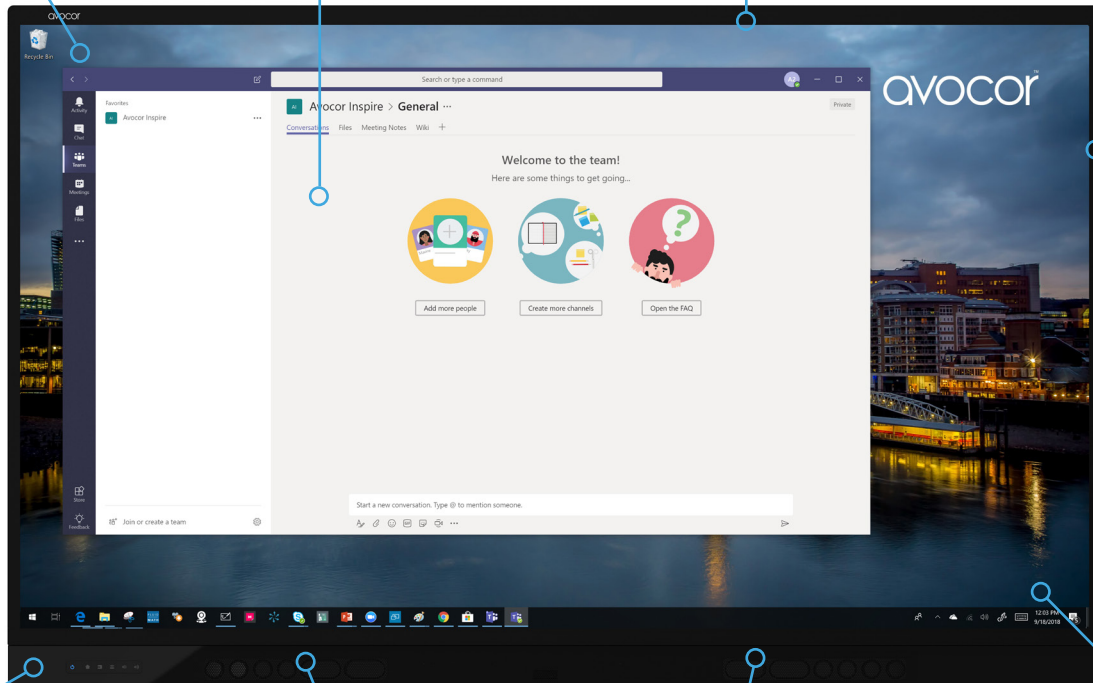
OPTIMIZED FOR WINDOWS 10

The F50 series comes with a built-in Windows swipe bar, optimized for Windows 10.

LATEST INTEL OPS SLOT

The OPS slot supports HDMI 2.0 allowing for 4K content to be run at 60Hz, while the Intel OPS (Open Pluggable Specification) allows for a module PC to be added easily to the display without cables.

INDUCTIVE KEY PAD FOR CONTROL

Designed with ease of use in mind, the Advanced Connect and Control Bar features back-lit inductive key pads that complement the beautiful, sleek design of the F50 series.

WIRELESS SCREEN SHARING

The control bar also features a Wireless Screen Sharing button, enabling users to switch seamlessly to the dedicated HDMI input for 3rd party devices.

INTEGRATED AUDIO CONFERENCING CAPABILITY

A high-quality, front-facing soundbar module is included in the F50, ensuring that the display provides a crystal-clear audio experience, while the active microphone array allows the display to connect with a variety of Unified Communications based software, delivering the ultimate audio experience.

PEN AWARE FUNCTIONALITY

The fine-tip stylus delivers extremely accurate writing and annotations on the display, while object recognition means that the display can easily distinguish between pen, finger and palm, delivering a smooth touch experience.

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DISPLAY

Model	AVF-6550	AVF-7550	AVF-8650
Diagonal size (inch)	65	75	86
Backlight	Direct-lit LED		
Aspect ratio	16:9		
Resolution	3840 x 2160 @ 60Hz		
Response time	8ms		
Brightness	370 (cd/m2)		
Contrast ratio	4000:1		
Viewing angle	178°/178		
Supported colors	30 bit deep color		
Display orientation	Landscape		

TOUCH SYSTEM

Interface	3 x USB-B 2.0, 1 x USB-B 3.0		
Touch	Up to 20 point Avocor InGlass™ Intelligent Touch - supports 4 x fine tip stylus		
Glass	2mm optically bonded, anti-glare, anti-fingerprint		
Supported operating system	Windows 7 / 8 / 10, Mac OSX*, Linux*		

CONNECTIVITY

Side inputs	3x HDMI 2.0, 1x HDMI 2.0 for Dedicated Wireless Presentation Device, 1x DisplayPort 1.2a, 1x VGA, 2x USB-A Hub 3.0**, 1x USB-A OPS 3.0, 1x HDMI Out, 1x USB service port		
Guest inputs	1x HDMI 2.0, 1x USB-B Touch, 1x USB-A 2.0 Hub, 1x USB-A 2.0 OPS		
Audio	1 x 3.5mm audio out, 1 x 3.5mm audio in, 1 x optical (SPDIF)		
Control	1 x RS-232, 1 x LAN Ethernet (RJ-45) in		
OPS Slot	Yes, 3840 x 2160 @60Hz		

AUDIO & MICROPHONE

Built-in speakers	2 x 15W forward facing		
Microphone array	4 x microphones - max 5m range		

DISPLAY & REMOTE FUNCTIONS

Auto-source- detection	Yes		
Image settings	5 x user / vivid / cinema / game / sports		

PHYSICAL SPECIFICATIONS

Product dimensions	1569 x 991.1 x 95.5 mm 61.77 x 39.02 x 3.76 in	1791.8 x 1114.9 x 103.1 mm 70.5 x 43.9 x 4.05 in	2038 x 1247 x 102.8 mm 80.23 x 49.09 x 4.04 in
Shipping dimensions	1672 x 1156 x 259 mm 65.83 x 45.51 x 10.20 in	2092 x 1319 x 286 mm 82.36 x 51.93 x 11.26 in	2160 x 1435 x 286 mm 85.03 x 56.69 x 11.25 in
Weight	Net: 46.5 kg | 102.52 lbs Gross: 58.5 kg | 128.97 lbs	Net: 60 kg | 132.27 lbs Gross: 82.5 kg | 181.9 lbs	Net: 73.5 kg | 162.05 lbs Gross: 100 kg | 220.46 lbs
Wall mount (VESA)	600 x 400 mm | 23.62 x 15.75 in	800 x 400 mm | 31.50 x 15.75 in	
IPC mount	75 x 75 mm | 2.95 x 2.95 in 100 x 100 mm | 3.94 x 3.94 in		
Handles	0	4	

POWER

Power supply	AC100-240V (worldwide), 50/60Hz		
Max power consumption	<220W	<300W	<320W
Standby	≤0.5W		

ENVIRONMENTAL

Operating temperature	0°C ~ 40°C		
Storage temperature	-20°C ~ 60°C		
Humidity	20% ~ 85%		

WHAT COMES IN THE BOX

1 x Remote control & batteries, 2 x 3mm fine-tip passive touch pen, AC power cords (1 x UK, 1 x EU, 1 x US, 1 x AUS), 1 x USB A-B cable (3m|118.1 in), 1 x HDMI cable (3m|118.1 in), 5 x cable clips, 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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