



# AVA VX6500MC Interactive Flat Panel

Next Generation Interactive  
Collaboration Display

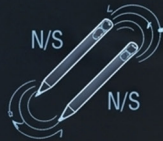




## Key Features



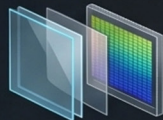
**Ultra-Slim Bezel Design** A sleek and minimalist appearance with *integrated audio-visual modular design*.



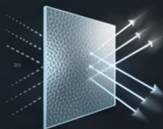
**Dedicated Stylus Docking** Supports *magnetic attachment for two styluses*.



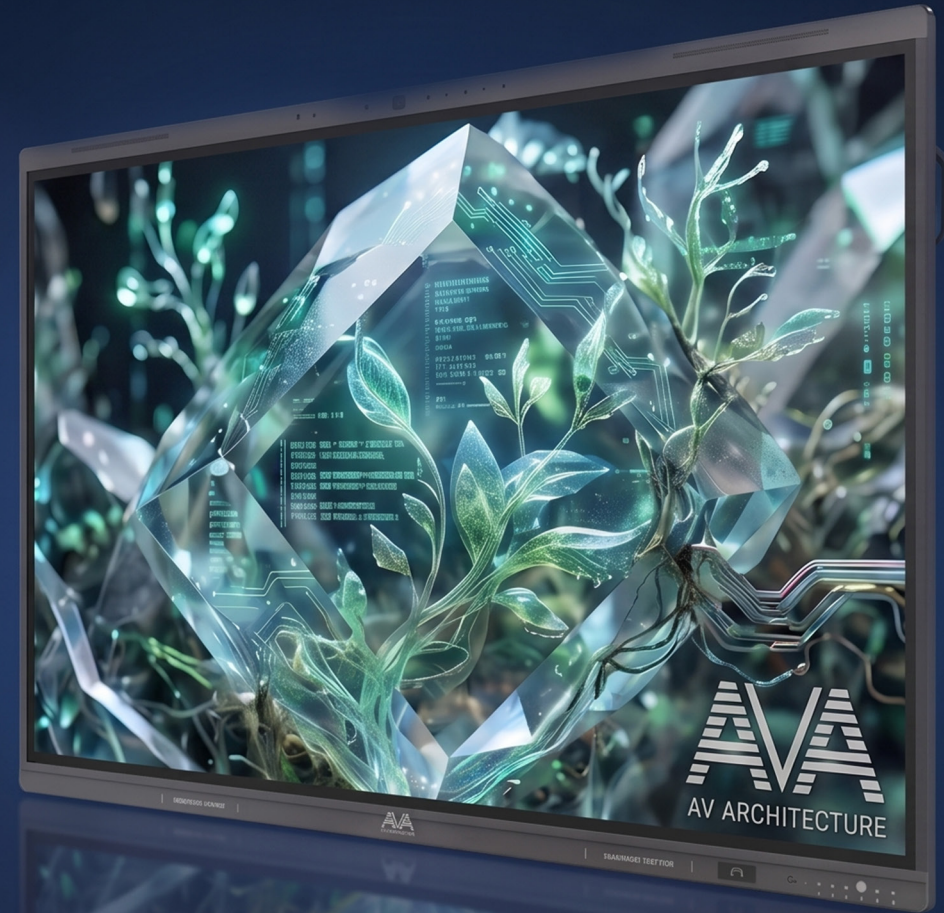
**Built-in Pen Detection Module** Automatically activates *whiteboard and annotation functions*.



**Zero-Gap Assembly** Low parallax writing experience *similar to pen on paper*.




**3.2mm Anti-Glare Tempered Glass** Reduces reflections and enhances display clarity.





## Advanced Display & Performance

	<b>4K Ultra-HD Display</b>	Crystal-clear image quality for premium visual content.
	<b>High Brightness 400cd/m<sup>2</sup></b>	High luminous output for excellent visibility in all conditions.
 NO FLICKER	<b>DC Dimming Technology</b>	Flicker-free visual experience and reduced eye fatigue.
	<b>Hardware Low Blue Light</b>	Built-in eye protection for long-term viewer comfort.
	<b>90% NTSC High Color Gamut</b>	Vibrant color reproduction, achieving up to 90% NTSC.
	<b>8-Core High Performance CPU</b>	Powerful 8-core processing with efficient 8nm technology.
	<b>Android 15 + 16GB RAM + 256GB ROM</b>	The latest OS with abundant memory and storage.
	<b>USB 3.0 Connectivity</b>	High-speed data transfer and extensive peripheral support.
	<b>Full Function USB-C</b>	Comprehensive port with power delivery and high-speed data.
	<b>HDMI OUT &amp; USB-C OUT</b>	Versatile output options for seamless multi-screen setups.
	<b>Wireless Screen Sharing</b>	Effortless cable-free casting from various devices.
	<b>Up to 50 Point Touch</b>	Highly responsive touch interface for multi-user collaboration.









## Display Specifications

Parameter	Specification
[Size]	[65"]
[Response Time]	[<5ms]
[Aspect Ratio]	[16:9]
[Display Area]	[1428.48 × 803.52 mm]
[Resolution]	[3840 × 2160]
[Pixel Pitch]	[0.372 mm]
[Refresh Rate]	[60Hz]
[Display Color]	[1.07B]
[NTSC]	[90%]
[Contrast Ratio]	[5000:1]
[Viewing Angle]	[178°]
[Backlight]	[DLED]
[Brightness]	[400 cd/m <sup>2</sup> ]
[Lifetime]	[50,000 Hours]
[Android]	[15]
[RAM]	[16GB]
[ROM]	[256GB]
[CPU]	[Quad-Core A76 + Quad-Core A55]
[GPU]	[Mali-G610 MP4]
[Touch Type]	[Infrared]






## Touch Specifications

	Touch Method	Passive infrared pen, Active infrared pen
	Accuracy	±1mm
	Touch Points	50 points
	Writing Height	1mm
	Response Time	≤2.5ms
	Supported Systems	Windows, Android, Linux, MacOS, Chrome

## Audio Specifications

	Speaker Channel	2.2 Channel
	Output Power	2×8W Mid-High + 2×20W Bass
	Audio Level / SNR	85dB

## Camera Specifications

	Resolution	50MP	Dynamic Range
	HFOV: 92°	VFOV: 63°	 Sav0H
	Intelligent Feature	Face Detection	 WDR
	Compensation	Auto Backlight Compensation	



## Front Connectivity

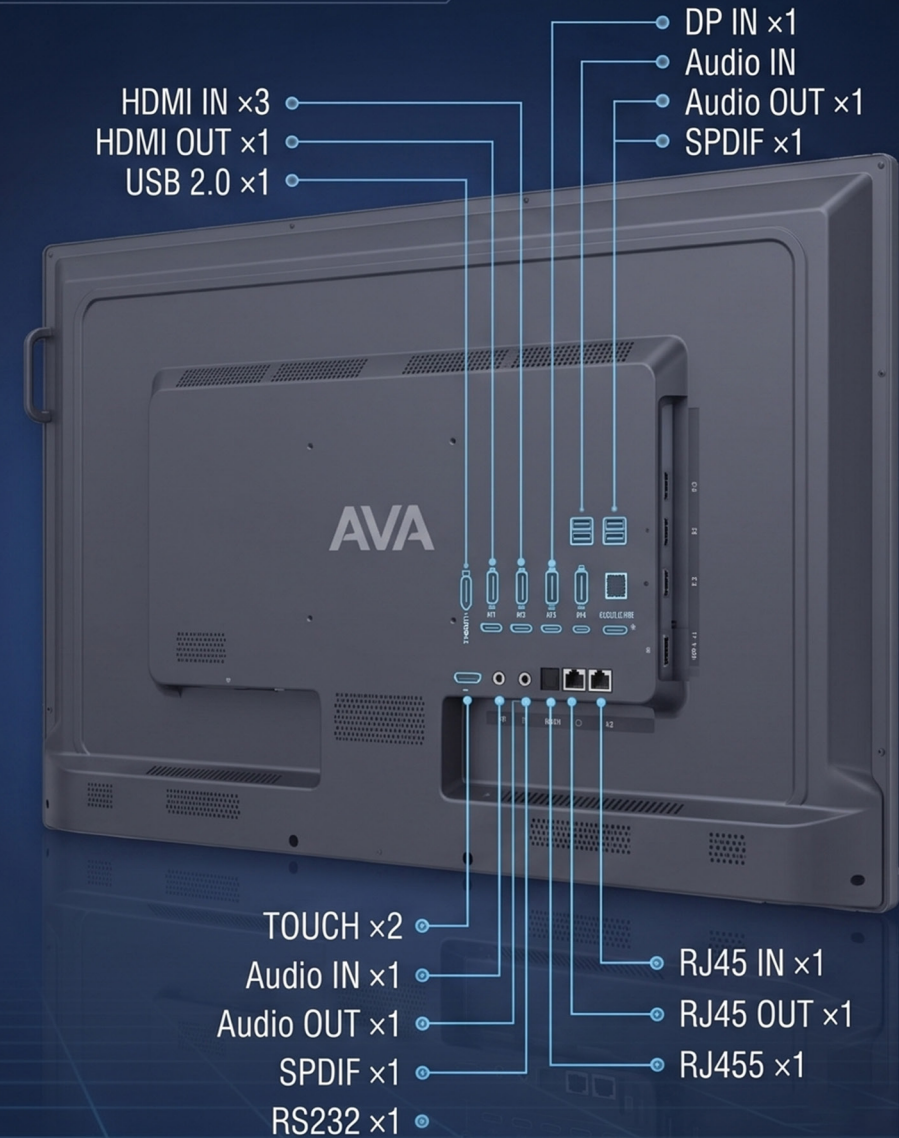
Front I/O Ports:	
HDMI IN	• x1
USB 3.0	• x2
USB-C IN	• x1
TOUCH (USB)	• x1
Integrated Modules	<ul style="list-style-type: none"> <li>• Integrated NFC Module</li> <li>• Dual Magnetic Stylus Docking</li> </ul>
Integrated Sensors	<ul style="list-style-type: none"> <li>• Integrated Light Sensor</li> </ul>





## Rear Connectivity Interface

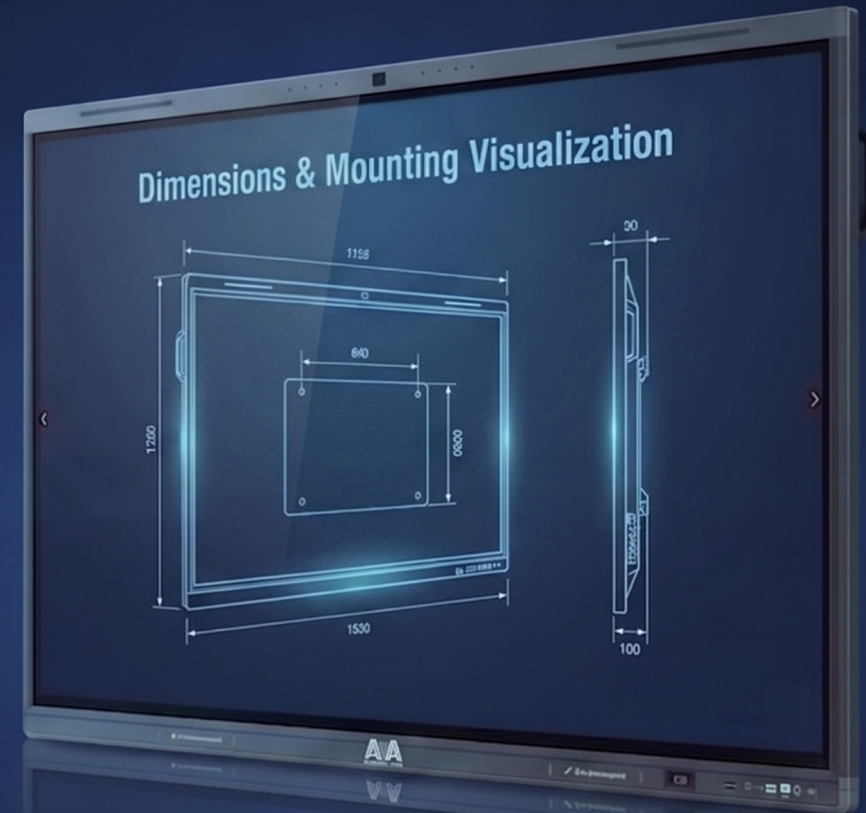
Video Input	3× HDMI IN (4K@60Hz and 8K support), 1× DP IN
Video Output	1× HDMI OUT
Data & Peripherals	2× USB 3.0, 1× USB 2.0
Full-Function Type-C	1× USB-C IN (PD Charging, AV, Data), 1× USB-C OUT
Network	1× RJ45 IN, 1× RJ45 OUT (Gigabit)
Audio	1× Audio IN, 1× Audio OUT, 1× SPDIF (Digital Audio)
Control & Peripherals	1× RS232 (for remote control), 2× TOUCH





## Physical Specifications

	Power Requirements	AC 100-240V~, 50/60Hz
$P_{\text{max}}$	Max Power	$\leq 480\text{W}$
$P_{\text{sleep}}$	Standby Power	$\leq 0.5\text{W}$
	Product Dimensions (W x H x D)	1725 x 1038 x 115 mm
	Package Dimensions (W x H x D)	1890 x 1165 x 210 mm
	Wall Mount Thickness	$\geq 10$ mm (depends on bracket type)
	VESA (H x V)	600 x 400 mm
	Mounting Screw (Size / Depth)	M8 / 25 mm
	Net Weight	45.2 kg
	Gross Weight	56.5 kg



## Environmental Conditions

	Operating Temperature	0°C ~ 40°C
	Operating Humidity	10% ~ 90% RH (non-condensing)
	Storage Temperature	-20°C ~ 60°C
	Storage Humidity	5% ~ 95% RH
	Altitude	≤ 5000m

## Included Accessories

	Power Cord ×1	Included
	Stylus Pen ×2	Included
	Wall Mount ×1	Included
	OPS72A Module	Included
	SI07B Wireless Module	Included



