



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*.



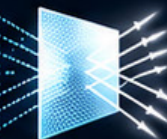
Built-in Pen Detection Module

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

	4K Ultra-HD Display	Crystal-clear image quality for premium visual content.
	High Brightness 400cd/m ²	High luminous output for excellent visibility in all conditions.
	DC Dimming Technology	Flicker-free visual experience and reduced eye fatigue.
	Hardware Low Blue Light	Built-in eye protection for long-term viewer comfort.
	90% NTSC High Color Gamut	Vibrant color reproduction, achieving up to 90% NTSC.
	8-Core High Performance CPU	Powerful 8-core processing with efficient 8nm technology.
	Android 15 + 16GB RAM + 256GB ROM	The latest OS with abundant memory and storage.
	USB 3.0 Connectivity	High-speed data transfer and extensive peripheral support.
	Full Function USB-C	Comprehensive port with power delivery and high-speed data.
	HDMI OUT & USB-C OUT	Versatile output options for seamless multi-screen setups.
	Wireless Screen Sharing	Effortless cable-free casting from various devices.
	Up to 50 Point Touch	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/m²]
[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°	 SavoH
	Intelligent Feature	Face Detection	 WDR
	Compensation	Auto Backlight Compensation	



Front Connectivity

Front I/O Ports:

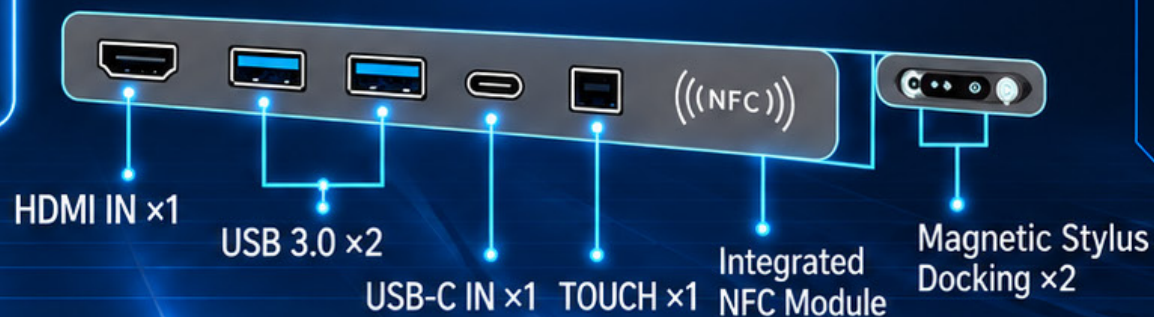
	HDMI IN	• x1
	USB 3.0	• x2
	USB-C IN	• x1
	TOUCH (USB)	• x1

Integrated Modules

- Integrated NFC Module
- Dual Magnetic Stylus Docking

Integrated Sensors

- Integrated Light Sensor



Rear Connectivity Interface

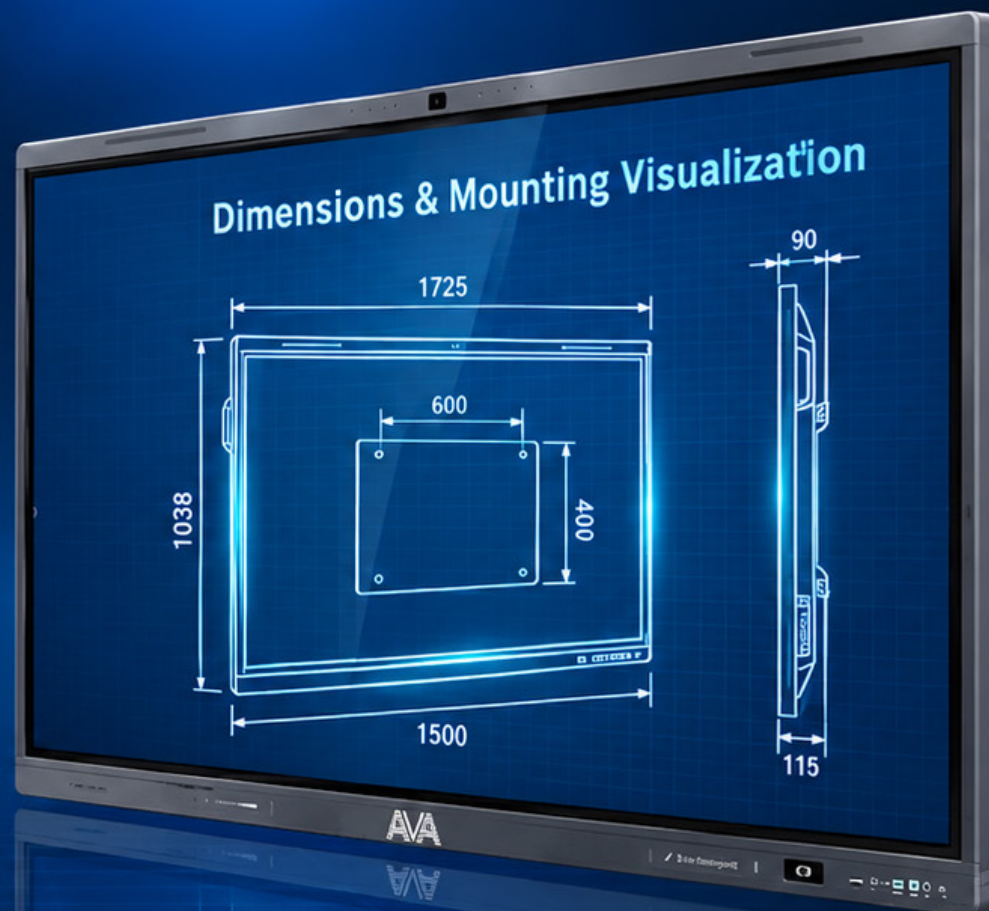
	Video Input	3× HDMI IN (4K@60Hz and 8K support), 1× DP IN
	Video Output	1× HDMI OUT
	Data & Peripherals	2× USB 3.0, 1× USB 2.0
	Full-Function Type-C	1× USB-C IN (PD Charging, AV, Data), 1× USB-C OUT
	Network	1× RJ45 IN, 1× RJ45 OUT (Gigabit)
	Audio	1× Audio IN, 1× Audio OUT, 1× SPDIF (Digital Audio)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





Physical Specifications

	Power Requirements	AC 100-240V~, 50/60Hz
P_{max}	Max Power	$\leq 480\text{W}$
P_{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	$\geq 10\text{ mm}$ (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



