Benchmark technomate

WARRANTY 5 YEARS

ALPHA - 14

Bringing AI To Every Classroom

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YOUR ASSURANCE OF **QUALITY**

WIRELESSS SCREEN SHARE

GOOGLE EDLA CERTIFICATION

4K ULTRA HD DISPLAY

DEVICE MANAGEMENT SYSTEM

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GOOGLE READY CLASSROOMS

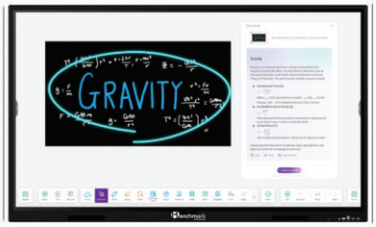
- 3840 X 2160 DISPLAY
- 450 NITS BRIGHTNESS
- 5000:1 CONTRAST RATIO

FEATURES

Pre-approved for Google's education ecosystem with seamless updates, built-in security, and flawless app integration.

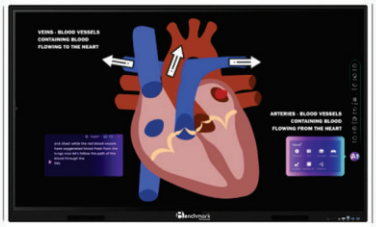
Google EDLA

The IFPD features Google EDLA-certified Android 14, ensuring a secure and efficient operating system tailored for educational and professional use.



Circle It. Know It

A simple on-screen circle intelligently brings up relevant visual insights, helping you instantly understand and explore the content on your screen. Designed for intuitive interaction, it enhanc es your learning experience by making information more accessible, without disrupting your workflow

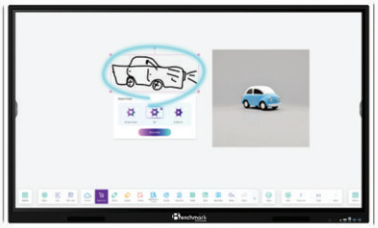


Live Subtitles

Effortlessly generate live subtitles in multiple languages with automatic video breakdowns. Gain clear, real-time understanding for any content

Video Pilot

Generate real-time subtitles in multiple languages as you watch. With automatic video segmentation and smart summaries, understanding global content becomes effortless and efficient



From Doodle to Detail

With just one tap, the AI Painter transforms your rough doodles into rich, lifelike artwork. Whether it's a quick sketch or a simple outline, the intelligent engine adds depth, texture, and detail, bringing your imagination to life with professional-grade precision

Ask AI

Simply write your question in the Ask box, whether it's about a word, image, or concept on your screen and get instant, intelligent answers. It's your assistant for quick understanding and deeper learning, right when you need it

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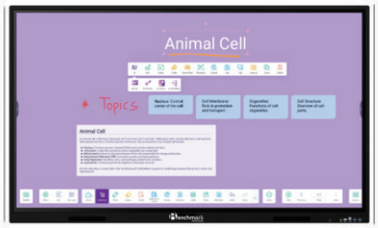
Smart Mapping with AI

AI-powered Smart Mapping instantly organizes key ideas, concepts, and connections into intuitive visual maps. Whether you're brainstorming, revising, or teaching, it helps you understand complex information more clearly and retain it more effectively

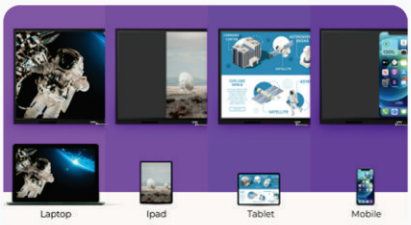


AI Topics

AI Topics automatically identifies and organizes core ideas from your handwritten or digital content. It transforms scattered notes into structured themes, helping you focus on what matters and sparking meaningful discussions or deeper exploration

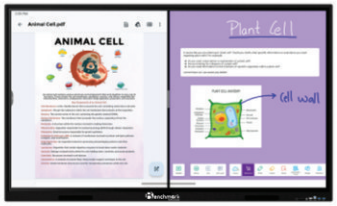
Smart Test Builder

Powered by Neo AI, it intelligently analyzes your handwritten notes, lessons, or on-screen content to generate a variety of question formats—including fill-in-the-blanks, multiple choice, short answer, and more. Designed for educators, it simplifies assess ment creation while ensuring relevance, accuracy, and adaptabil ity to different learning needs



Collaborate Across 9 Screens Effortlessly

Easily connect and share content from up to 9 devices wirelessly. Compatible with Windows, macOS, Android, and iOS, it enables smooth, interactive collaboration in any classroom or meeting space



Dual Views with Double Productivity

Split-screen mode lets you run two applications simultaneously, perfect for multitasking.Write on the whiteboard while referencing documents, browsing content, or running presentations side-by-side

SOFTWARE

Android 14

Google Play Services

Device Management System

Note Pro

HARDWARE

Next-Gen Touch Experience

40
TOUCH POINTS

20
SIMULTANEOUS WRITING POINTS

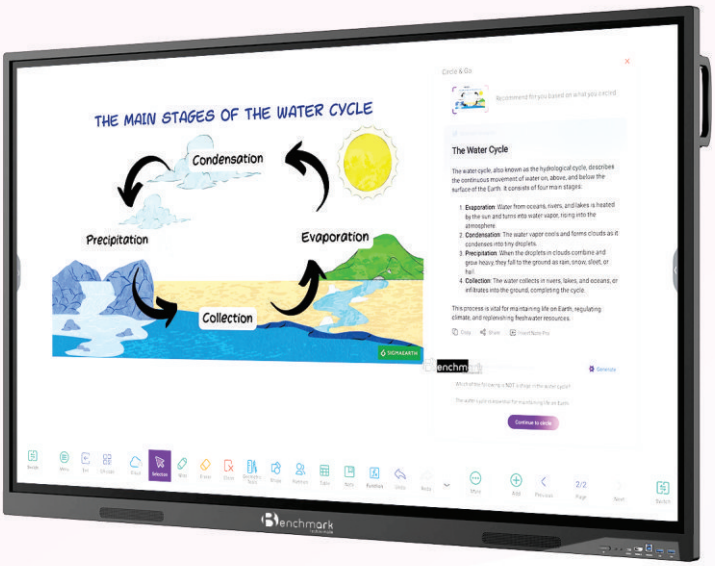
Built-In Audio

DUAL
20W
SPEAKERS

HARDWARE

Front & Rear Connectivity Ports

Easily accessible front ports for quick connections, with full-range rear I/O for permanent setups designed for both convenience and flexibility



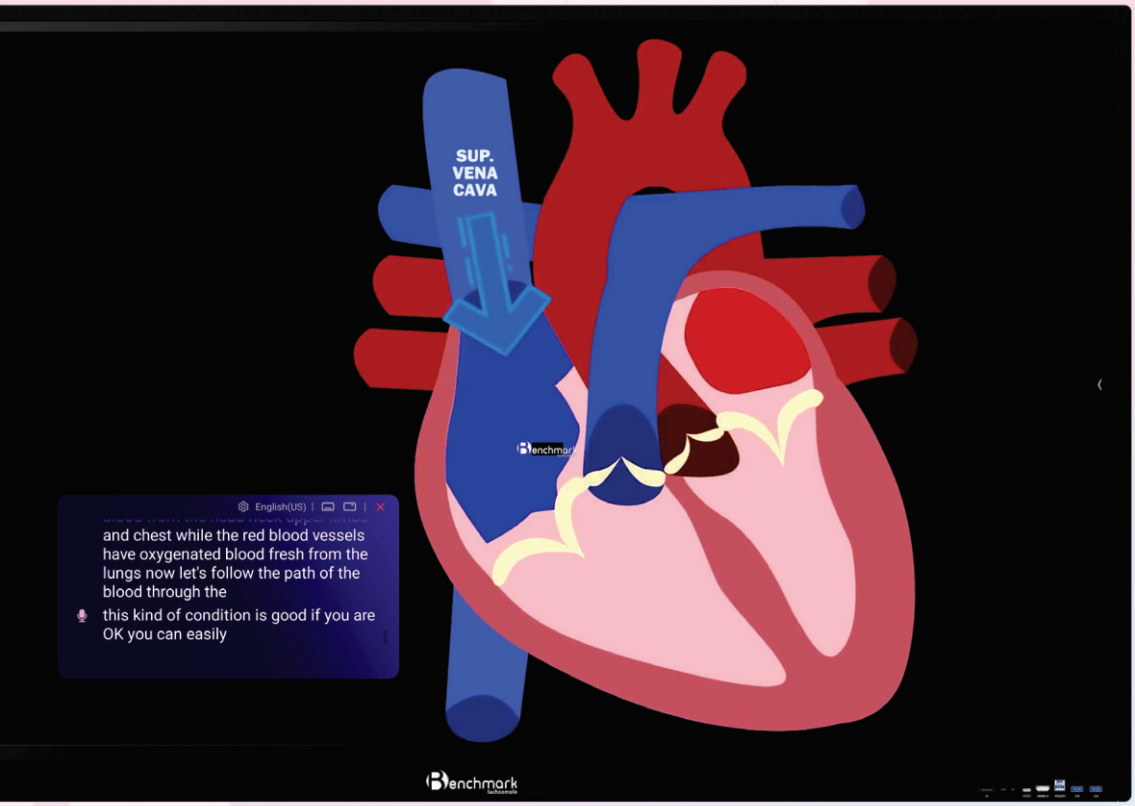
FRONT PORTS

SIDE PORTS

Picture-in-Picture (PIP)

View Android and Windows interfaces on a single screen simultaneously, enabling smooth multitasking and instant content access

Live Subtitles - Instant Multilingual Translation



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Video Pilot - Your Guide to Smarter Viewing

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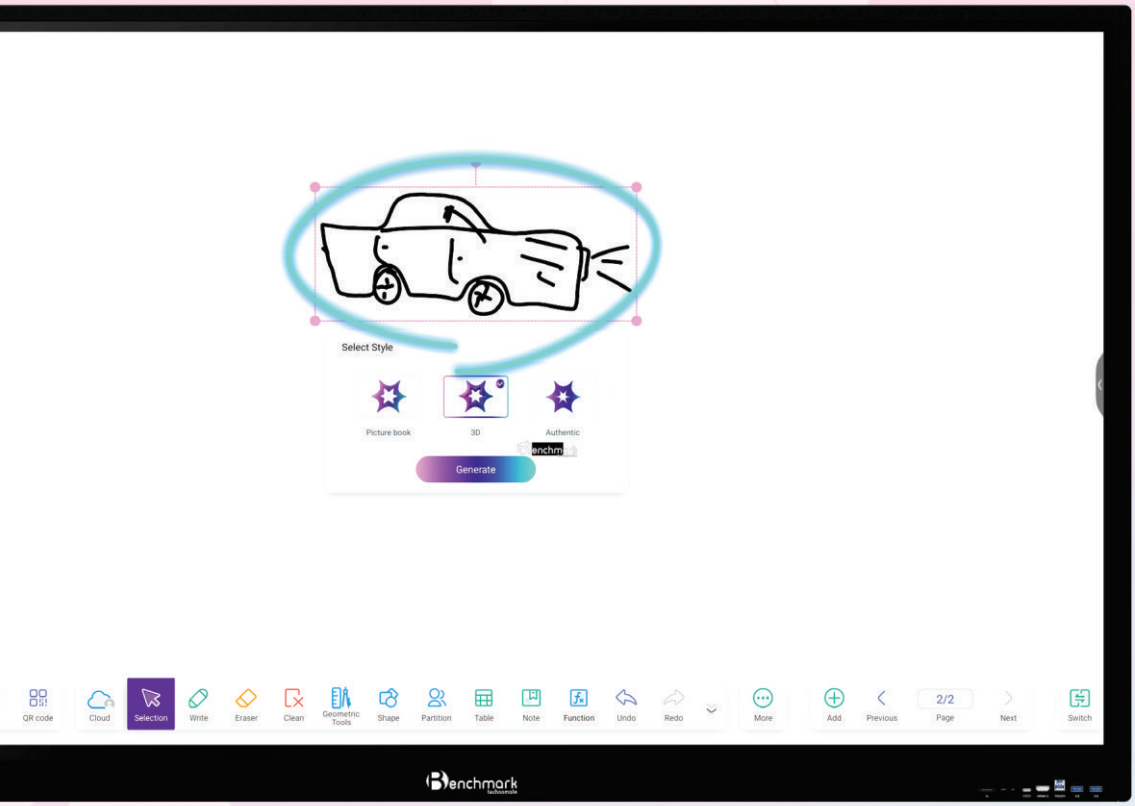
HARDWARE

From Doodle to Detail



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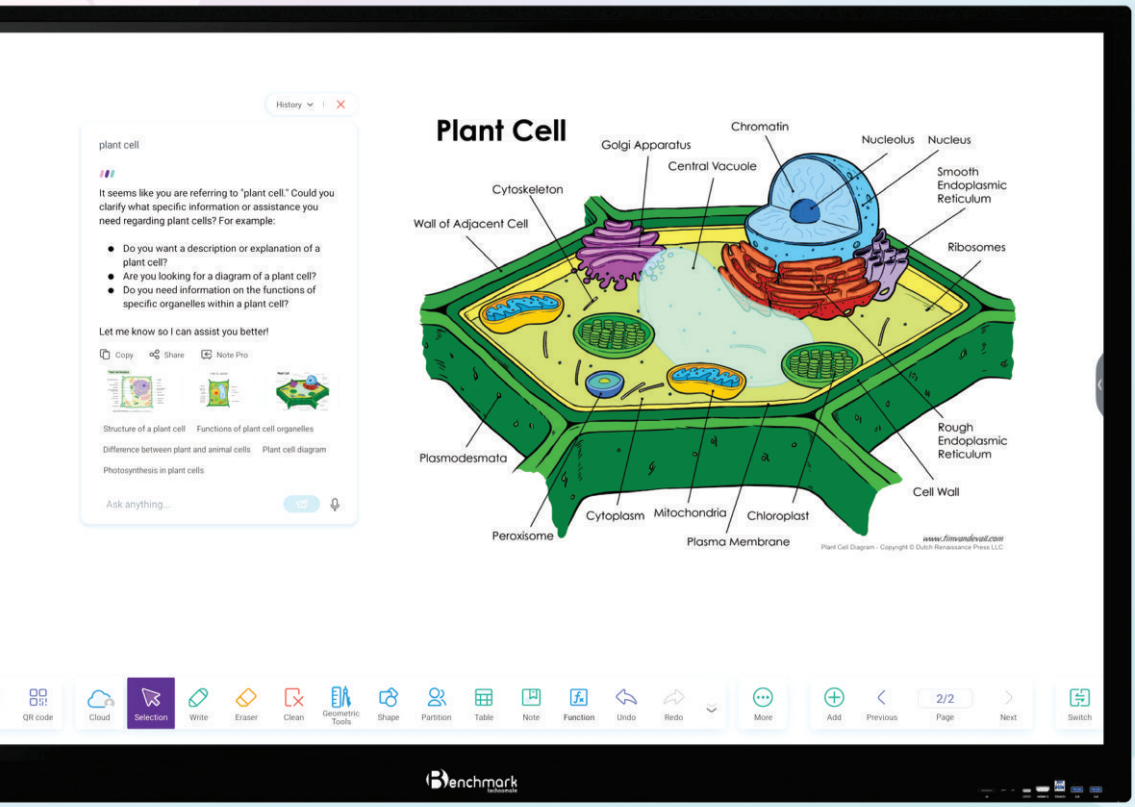
Ask AI - Type It. Know It



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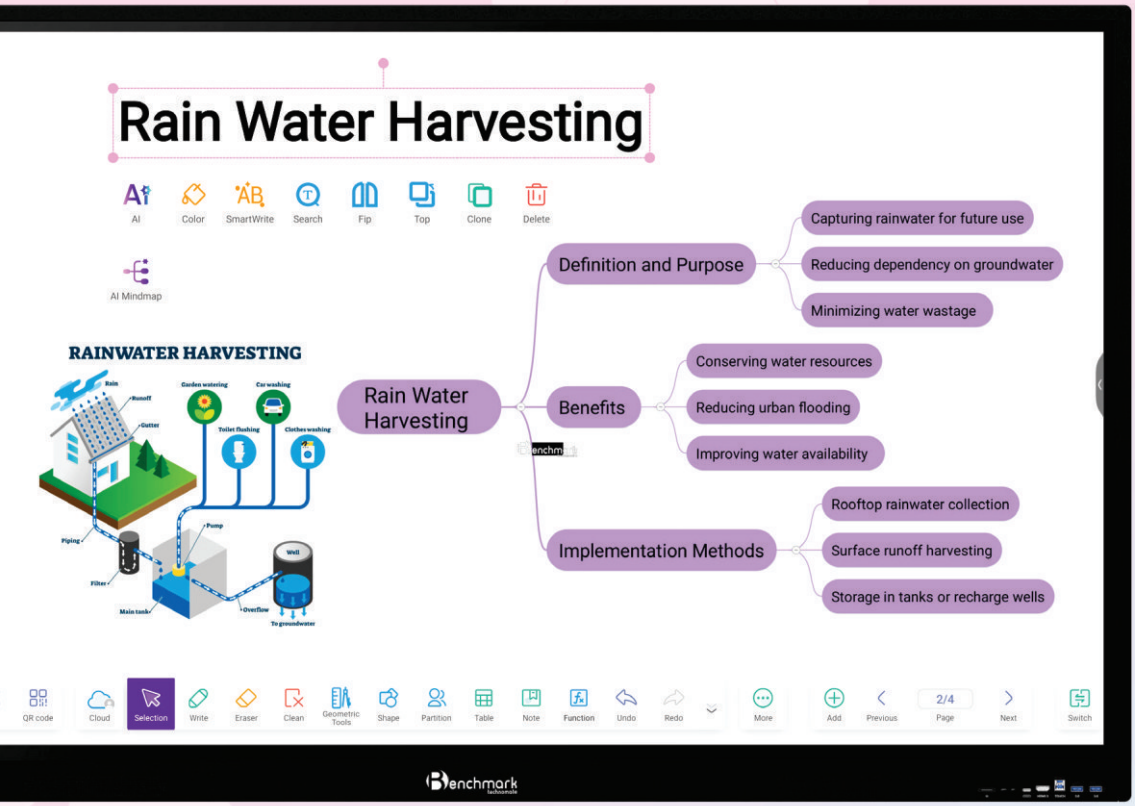
HARDWARE

Smart Mapping with AI



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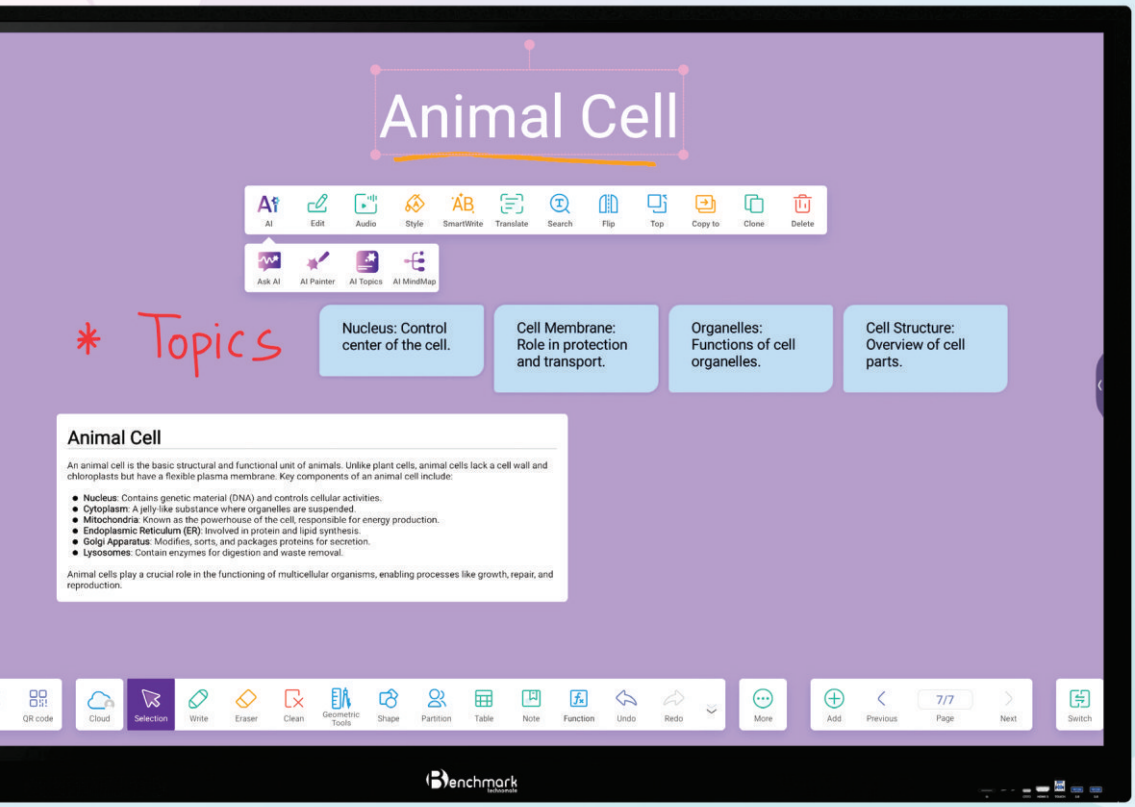

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KEY FEATURES

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Note Pro:

YOUR IDEAS, LIMITLESS CANVAS

Advanced Search

Seamlessly explore images and videos with powerful search capabilities.

Versatile Content Import

Effortlessly import files such as PPT, PDF, audio, video, notebooks, and flipcharts to enhance learning sessions.

Subject-Specific Simulation Tools

Utilize tools designed for various subjects to enrich interactive teaching experiences.

Regional Language Compatibility

Support for multiple regional languages, ensuring inclusivity and accessibility.

Effortless Note-Taking

Easily capture and share notes through QR codes in both image and PDF formats, simplifying the process for students and educators alike.

On-Board Geometric Tools

Access a variety of built-in geometric tools directly on the board for precise shapes, measurements, and diagrams.

Text-to-Speech Integration

Enable on-board text-to-speech functionality to cater to diverse learning needs.

Translate Feature

Instantly translate content into multiple languages, making learning accessible to a diverse audience.

Gamified Quizzes Creation

Design engaging quizzes with the activity tool to create interactive and fun learning experiences.

Cloud Storage

Convenient cloud storage options for saving and accessing resources anytime, anywhere.

Built-in 2D & 3D Shapes

Includes pre-built 2D and 3D shape libraries for dynamic content creation.

NCERT e-Book Integration

Direct access to built-in NCERT e-books for seamless curriculum alignment.

GeoGebra Mathematics Tool

Integrated dynamic mathematics tool for advanced mathematical learning and visualization.

Molecular

Interact with chemical structures to explore atoms, bonds, and geometry for clear, engaging chemistry lessons.

Planet

Explore 3D models of planets with interactive visuals for an engaging space science experience.

150+ Additional Features

Explore a comprehensive suite of tools to enhance teaching and learning experiences.

SPECIFICATIONS

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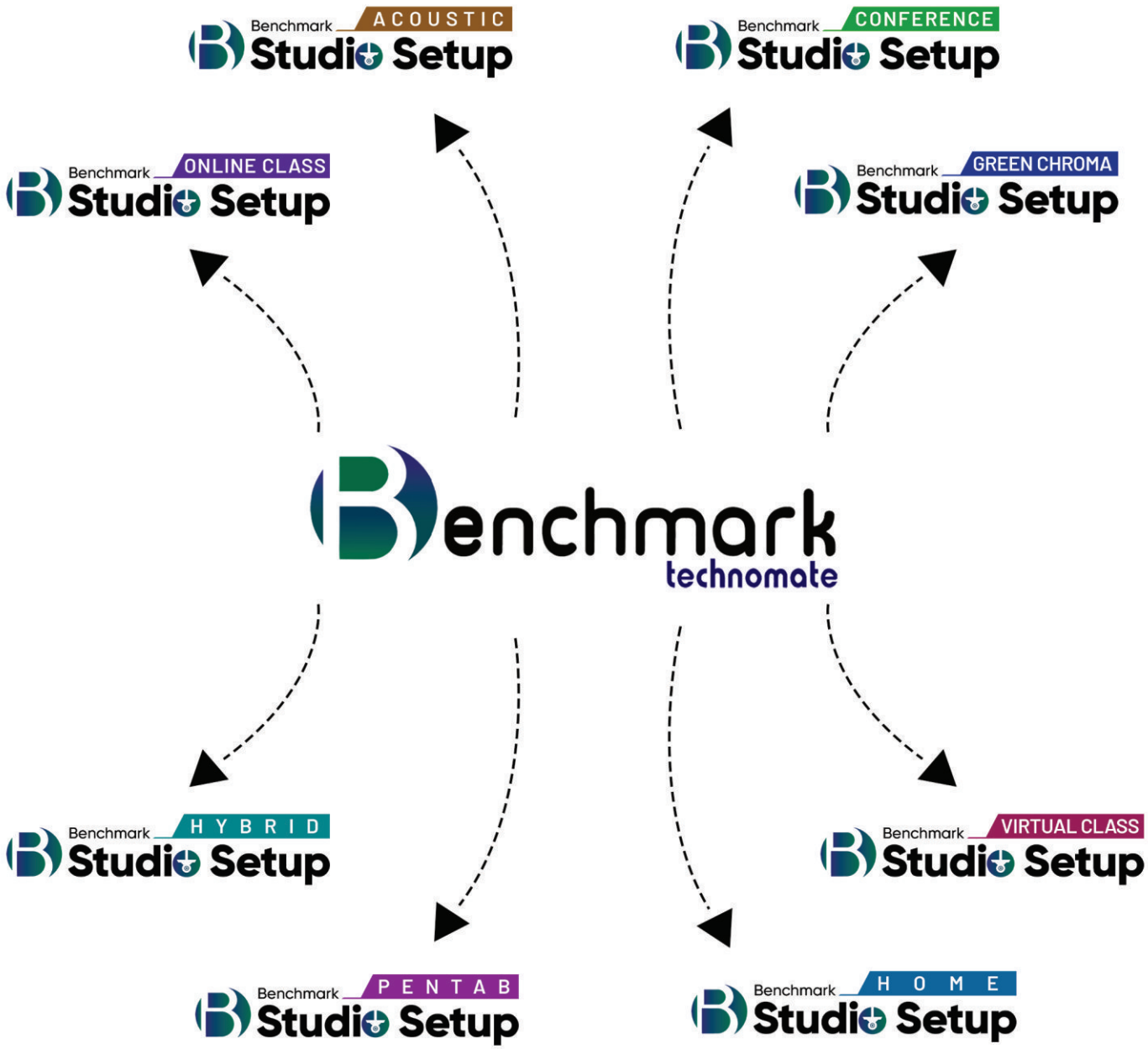
	MODEL			
Display	Size	65 Inch	75 Inch	86 Inch
	Panel Type	VA	VA	IPS
	Back Light Unit	DLED	DLED	DLED
	Response Time	6.5ms	6.5ms	6.5ms
	Aspect Ratio	16:09	16:09	16:09
	Display Area(HxV)	1428.48(H)×803.52(V)mm	1650.24(H)×928.26(V)mm	1895.04(H)×1065.96(V)mm
	Pixel Pitch	0.372×0.372mm	0.42975×0.42975mm	0.4935×0.4935mm
	Resolution	3840x2160	3840x2160	3840x2160
	Refreshing Frequency	60Hz	60Hz	60Hz
	Display Color	1.07B	1.07B	1.07B
	Bit Rate	10 bit	10 bit	10 bit
	NTSC Gamut	72%	72%	72%
	Contrast Ratio	5000:1	5000:1	5000:1
	Viewing Angle	178°(H/V)	178°(H/V)	178°(H/V)
	Brightness with glass(min)	400 cd/m²	400 cd/m²	400 cd/m²
	Brightness with glass(typ)	450 cd/m²	450 cd/m²	450 cd/m²
	Life Time	≥50000 Hours	≥50000 Hours	≥50000 Hours
Operating System	System Version	Android 14.0	Android 14.0	Android 14.0
	RAM	8 GB	8 GB	8 GB
	ROM	128 GB	128 GB	128 GB
	CPU	Octa Core A72×4+A53×4	Octa Core A72×4+A53×4	Octa Core A72×4+A53×4
	GPU	Mali G52 MC3	Mali G52 MC3	Mali G52 MC3
Touch System	Sensing Type	Infrared recognition	Infrared recognition	Infrared recognition
	Touch Recognition	Passive stylus, Fingers	Passive stylus, Fingers	Passive stylus, Fingers
	Response Time	8ms	8ms	8ms
	Accuracy	±1.5mm	±1.5mm	±1.5mm
	Touch Point	40	40	40
	Writing Point	20	20	20
	Minimum object Size	3mm	3mm	3mm
	Writing Height	≤2mm	≤2mm	≤2mm
	Supporting OS	Windows 11, 10, 8 & 7/Android/Linux/Mac OS X/Chrome		
Audio	Audio Output	2	2	2
	Output Power	2×20W	2×20W	2×20W
	Sound Pressure level	85 dB	85 dB	85 dB
Power	Power Supply	100-240V~50/60Hz 3.5A	100-240V~50/60Hz 4.0A	100-240V~50/60Hz 4.0A
	Power Consumption (Typ/Max)	180W/335W	230W/385W	245W/400W
	Standby Power	≤0.5W	≤0.5W	≤0.5W
I/O Interface	HDMI IN	3 (Up to 4K@60Hz, ARC(HDMI 1), all HDMI ports support CEC)		
	HDMI OUT	1 (Up to 4K@60Hz)	1 (Up to 4K@60Hz)	1 (Up to 4K@60Hz)
	USB 2.0	1 (For system upgrades)	1 (For system upgrades)	1 (For system upgrades)
	USB Type-C IN	2 (Front: Up to PD 65W (PD 15W when OPS is plugged in); Onboard: PD 15W)		
	USB 3.0	4 (Front × 2, Rear × 2 All USB 3.0 can auto switch to current channel)		
	TOUCH 3.0	2 (Front × 1, Rear × 1)	2 (Front × 1, Rear × 1)	2 (Front × 1, Rear × 1)
	VGA IN	1 (Up to 1080P@60Hz)	1 (Up to 1080P@60Hz)	1 (Up to 1080P@60Hz)
	DP IN	1 (4K@60Hz)	1 (4K@60Hz)	1 (4K@60Hz)
	AUDIO IN	1 (3.5mm Jack: Support VGA Audio IN)		
	AUDIO OUT	1 (3.5mm Jack)	1 (3.5mm Jack)	1 (3.5mm Jack)
	SPDIF	1 (PCM output format)	1 (PCM output format)	1 (PCM output format)
	RS232	1 (Baud rate 9600)	1 (Baud rate 9600)	1 (Baud rate 9600)
	RJ45 IN	1 (10M/100M/1000Mbps)	1 (10M/100M/1000Mbps)	1 (10M/100M/1000Mbps)
	RJ45 OUT	1 (10M/100M/1000Mbps)	1 (10M/100M/1000Mbps)	1 (10M/100M/1000Mbps)
	TF Card	1 (TF card slot)	1 (TF card slot)	1 (TF card slot)
	Wi-Fi 6	802.11 b/g/n/ac/ax (2.4GHz/5GHz)	802.11 b/g/n/ac/ax (2.4GHz/5GHz)	802.11 b/g/n/ac/ax (2.4GHz/5GHz)
	Bluetooth	5.3	5.3	5.3
Physical Specifications	Product Dimension (L×H×D)	1491×898.5×98.8mm	1712×1022×99mm	1957×1159.9×97.1mm
	Package Dimension (L×W×H)	1628×185×1014mm	1863×225×1148mm	2110×225×1283mm
	VESA	600×400mm	800×400mm	800×600mm
	Thickness of Display and wall mount	128.8mm	129mm	127.1mm
	Net Weight	32.05kg	42kg	51.5kg
	Gross Weight	40.95kg	55kg	68kg
Accessories	Power Cord	1	1	1
	HDMI Cable	1	1	1
	USB Touch Cable (Type A-B)	1	1	1
	Remote Control	1	1	1
	Wall Mount Bracket	1	1	1
	Writing Pen/Stylus	1 Pair	1 Pair	1 Pair
	Wireless Module	1	1	1
Environmental Conditions	Operation Temperature	0°C- 40°C	0°C- 40°C	0°C- 40°C
	Operation Humidity	10% - 90%RH	10% - 90%RH	10% - 90%RH
	Storage Temperature	-20°C- 60°C	-20°C- 60°C	-20°C- 60°C
	Storage Humidity	10% - 90%RH	10% - 90%RH	10% - 90%RH
	Altitude	Upto 5000 meters	Upto 5000 meters	Upto 5000 meters
Optional PC Module	PC Module	OPS	OPS	OPS
Certification		BIS, ROHS, CE, FCC		



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