



Benchmark
technomate

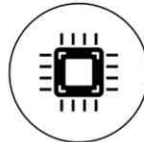
SIGMA AI-A7

Industry's First GenAI Powered
Interactive Flat Panel

INTRODUCING SIGMA AI-A7



Android 14

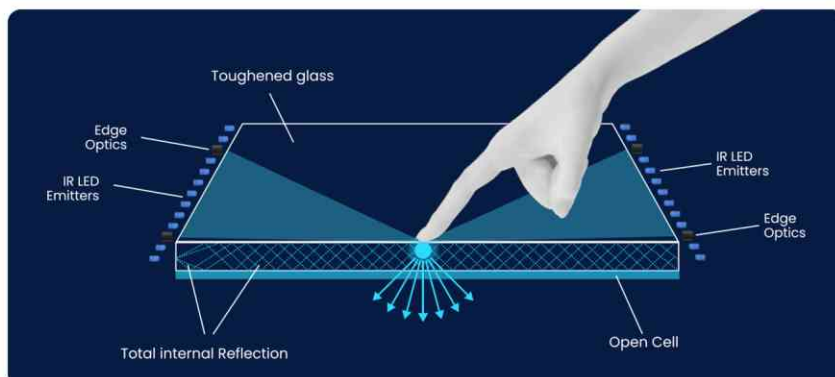


Octa-Core Processor



Dual 20W Speaker

The Best Writing Experience with Optical Touch Technology



Traditional IR
Touch Panel

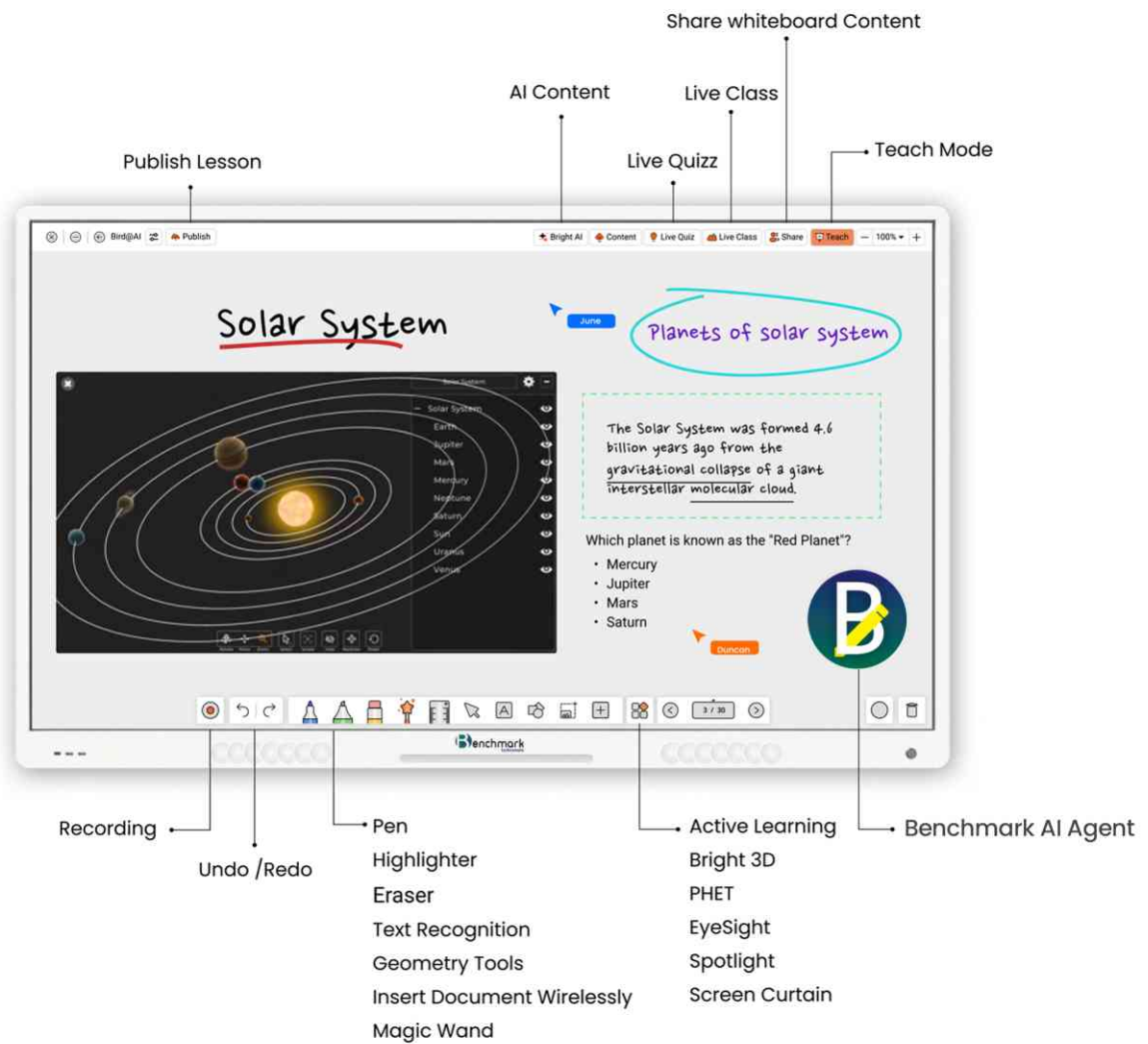


Benchmark
Optical Touch



The most Advance Digital Teaching Tools for Collaborating Learning

The Sigma Ai-A7 IFP's digital whiteboard application is a revolutionary tool, integrating creative, focus, and presentation tools with cloud search and Bright AI for instant content display. It enables virtual teaching for remote and in-class students, fostering blended learning. The collaborative whiteboard promotes engagement and content-sharing capability enhance knowledge retention.



Smart Draw

AI Auto Draw

Rectangle

AI Shape Recognition Tool

Colors

Size

Pen Tool

Focus Tools

Ruler

Compass

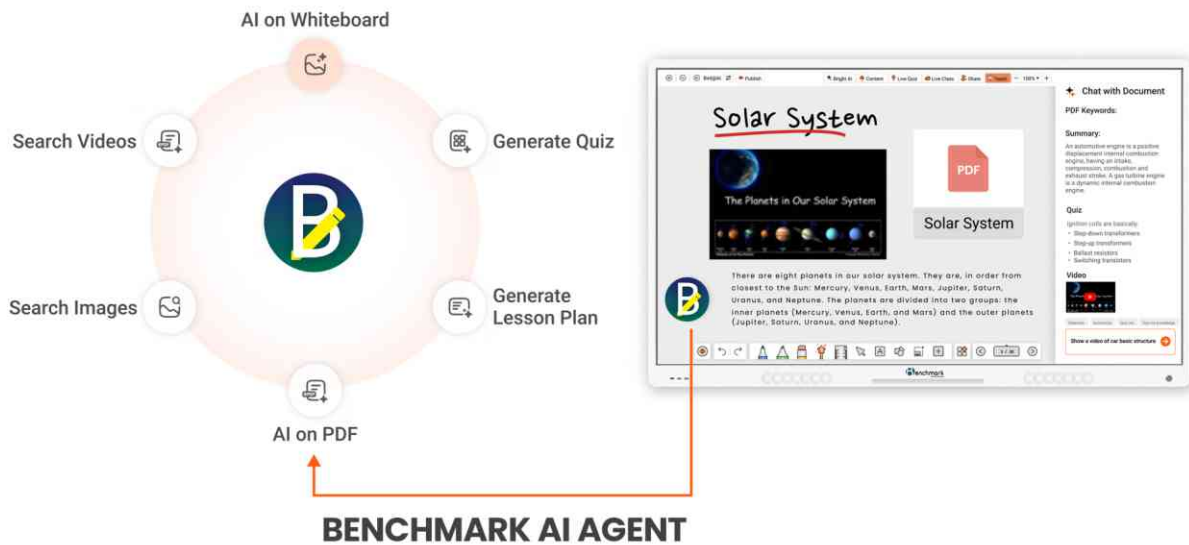
Protractor

Geometric Tools

The most Advance Digital Teaching Tools for Collaborating Learning

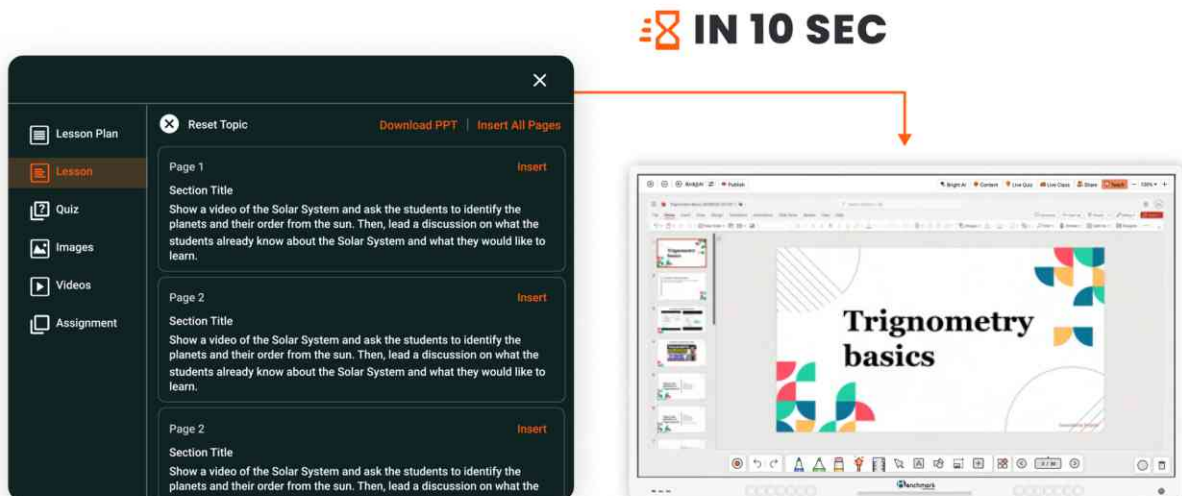
Streamline Learning with AI Using Sigma Ai-A7

Benchmark AI Agent enhances educational experiences by generating lessons, quizzes, and summaries. It searches for relevant images, videos, and text, applying AI to PDFs and YouTube videos to extract key points and translate available text. This tool empowers teachers to integrate dynamic content seamlessly into their lessons.



AI-Powered Presentations for Effortless Lesson Creation

The Benchmark Interactive Flat Panel's AI PPT generation tool transforms lesson preparation. With a simple topic input, it instantly creates engaging, visually appealing presentations. This time-saving feature allows teachers to focus on content delivery, ensuring dynamic and informative lessons across various subjects.



⌚ IN 10 SEC

Fiducial Polling



Result

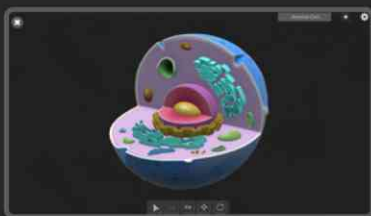


Class IQ



- Screen Recording
- Camera Input
- Take AI Notes
- Old Notes

3D Tools



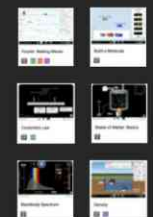
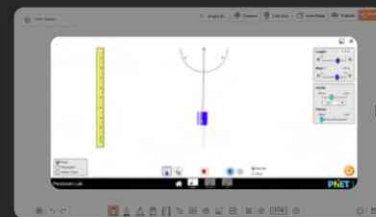
Adaptive games



Magic Wand



PHET Simulations



AI Assessment Creation



AI Content Creation



AI Lesson Plan



AI Whiteboard



AI Quiz Generation



AI Report Generation

SIGMA AI-A7 SYSTEM SPECIFICATIONS

		Hardware
Finish and Sizes	Finish	Pearl White
	Size	65" / 75" / 86" / 98"
Display	Display Type, Resolution & Refresh Rate	Ultra HD IPS LCD A+ Display 3840*2160 (pixels) with 60Hz refresh rate,
	LED View Angle	Direct LED, HDR Display, with wide viewing angle of 179°(H) / 179°(V)
	Surface	Matte finish Surface with 3.0mm Toughened Glass MoHS Level 9 hardness
	Colors & Contrast Ratio	1.07 Billion Colors, Dynamic contrast 100000:1, 1300: 1 (typ.)
	Brightness	450 nits (Typ)
	LED Lifespan	>=50000 Hrs
	Panel Type	LED
	Gap between Glass & Screen	Zero Gap Air Bonding
	Eye Care Filter	Removes blue light emission from display to create a safe environment for teachers and students
Touch Technology	Technology	Advance Edge Optical Touch
	Touch Points	40 Simultaneous touch points (Windows), 20 Simultaneous touch points (Android)
	Touch Resolution	32767x32767
	Accuracy	± 0.3mm
	Response Time	<= 2ms
	Gesture Detection	Palm Detection as eraser, intelligently rejects input of accidental from palm or other objects while writing along, multitouch zoom pan detection
OS		Android 14
Chipset	CPU:	Octa (8) Core ARM Processor, 8 x A55 CPU
	GPU:	Mali G52 MP2 (4 Cores)
Wireless	Bluetooth 5.2	Yes
	802.11 a/b/g/n Dual Band 2.4G and 5GHz	Yes
	Hotspot Support	Yes
Memory & Storage	RAM	8GB
	Storage	128GB bundled with Unlimited Cloud Storage
Speakers	Stereo Speakers with Surround Sound	Front Facing, Hi-Fi, Stereo Sound output with 20W x 2 with 8Ω impedance, built-in subwoofer & Surround
		Bass reflex with dual passive radiators.
I/O Ports	Front :	Front: USB 3.0 x1 (Shared), USB 2.0 x 1 (Android), USB Type C x 1, Touch USB x 1, HDMI x 1
	Back & Bottom :	Side: HDMI IN x 2, VGA IN x 1, VGA Audio x 1, Touch USB x 1, USB 3.0 x 1, USB 2.0 x 1, MicroSD Card x 1 Bottom: LAN x 1, SPDIF x 1, RS232 x 1
Power Consumption	Voltage	Voltage: 100 V ~ 240 V/AC, 50/60 Hz
	Power	65" ≤230W 75" ≤300W 86" ≤400W 98" ≤500W
	StandBy	Stand-by: <0.5 W
Dimensions & Weight	Dimensions	65": 1550*98*900mm 75": 1730*98*1250mm 86": 1991.57*113*1182.61mm 98": 2252*109.5*1339.4mm
	Weight	65": N.W (37KG), G.W (43KG) 75": N.W (51KG), G.W (60KG) 86": N.W (77KG), G.W (100KG) 98" : N.W (82.5KG), G.W (104.6KG)
	Mount	65": (500*400mm) 75": (600*400mm) 86": (800*400mm) 98": (1000*400mm)
Environment	Temperature	Working Temp: 0°C ~ 40°C, Storage Temp: Minus 10°C ~ 60°C,
	Humidity	Working Humidity: 10% to 80% RH Non-Condensing, Storage humidity: 5% to 90%
Accessories	OPS (Optional)	Core i5 12450H, 8GB, 256GB/512GB SSD, USB 2.0 x 2, USB 3.0 x 4, MIC * 1, LINE OUT * 1, RJ 45 x 1, VGA x 1, HDMI x 2 Core i7 12450H, 16GB, 512GB SSD, USB 2.0 x 2, USB 3.0 x 4, MIC * 1, LINE OUT * 1, RJ 45 x 1, VGA x 1, HDMI x 2
	Optional Accessories	Video Bar, PTZ Camera, Document Camera, Whiteboard Camera
	In the box:	Antenna x 2, Remote, Power Cable, USB touch Cable, HDMI Cable (1.5M), User Manual, Wall Mount Set
Regulation Compliance		BIS, STQC(ERTL), CE, FCC, RoHS

		Software
Split Screen		Open multiple apps side by side
Wireless Casting & Screen Sharing		Native Support for Airplay & MiraCast, Upto 4 Devices simultaneously
Teaching Software	AI Features	<ol style="list-style-type: none"> 1. AI Lesson Creator 2. Ability to create content in 80+ languages 3. AI Quiz Creator 4. AI Image Creator 5. AI PPT Creator 6. PDF summariser Summarise / Generate Quiz on PDF Chat with PDF 7. Summarise / Generate Quiz selected page in PDF 8. Summarise / Generate Quiz on Image 9. Summarise / Generate Quiz on Video 10. AI chat based assistance for teachers to get instant responses to any of their queries 11. Text to SpeechAI on whiteboard 12. Auto Draw - Object recognition 13. Circle to search on any content 14. Math formula recognition & explanation 15. Chemical formula recognition & explanation 16. Class IQ - recording class lecture - generate summary, questions 17. Student response system (Online & offline) using fiducial markers 18. Offline Content - as per NCERT & other curriculum 19. 3D tools Interactive simulation 20. Active learning games 21. Knowledge based games 22. Text Creation in Offline Mode
	Whiteboarding Tools	<ol style="list-style-type: none"> 1. Ability to access online curated content curriculum for lessons creation 2. Import documents & multi-media in lessons, share lesson 3. Remotely Online collaboration with student on lessons, with Options to control which student has write access. 4. Live Virtual Teaching using Audio & Video on Lesson consuming less than 1Mbps bandwidth, with option to control enable & disable Audio andvideo of remote students 5. Conduct live chat, polling during live class. 6. Take Student attendance for remote & inclass students. 7. Live Multi User Collaboration with Live cursor tracking, Host can Manage and Control Writing permissions 8. Create and share assignments, tests, and get analytics & insights of the student performance 9. Always Ready to Connect to smart devices, like mobile and tablets, recieve files wirelessly from mobile devices. 10. STEM Tools draw shapes, use math tools, like protractor and compass, solve equations and formulas, and simulate physics and chemistry lab experiments 11. Whiteboard: Pen, colours, Highlighter and Eraser, Multi-background, Creativity Tools, Smart Draw, Shapes 12. Ability to drag and drop multi media content like images, videos, text 13. Presentation Tools : Screen Curtain, Spotlight, Presentation mode 14. Productivity Tools : Media import, (Docs, sheets, PDF, slides), Stopwatch & Document Scanner, Snipping tool 15. Built-in Chrome Browser for Secure and fast browsing experience, Built-in Office Viewer App. + 16. Support for installing MS Office Apps 17. Support for Android apk installation, Support for 3rd Party VC Apps like Microsoft Teams, Zoom, Google meet. 18. Infinite canvas with multi writing and palm erasing gesture support, 5 finger touch to sleep/ wake
Learning Management System		<ol style="list-style-type: none"> 1. Teachers can save and share lessons / homework / class recordings with students 2. Students can access the lessons from anywhere
Remote Classroom Device Management		<ol style="list-style-type: none"> 1. Administrator can centrally manage and monitor the boards remotely through browser in a single window. 2. Administrator can centrally manage and share customized messages and information across the board in a single. 3. Administrator can centrally manage and control the user and access to the installed display board. They can securely manage and control individual users setting and privileges.

A COMPLETE AI SOLUTION

Seamless Integration of Physical and Digital Learning

FusionBoard offers a sleek, premium look to your classroom by seamlessly combining traditional whiteboards and a digital panel, all housed in a high-quality mild steel frame. Hidden wiring ensures a clean, clutter-free appearance, while the integrated sliding door protects the digital board and maintains a polished look.



4K
AI Display



Whiteboard
Camera



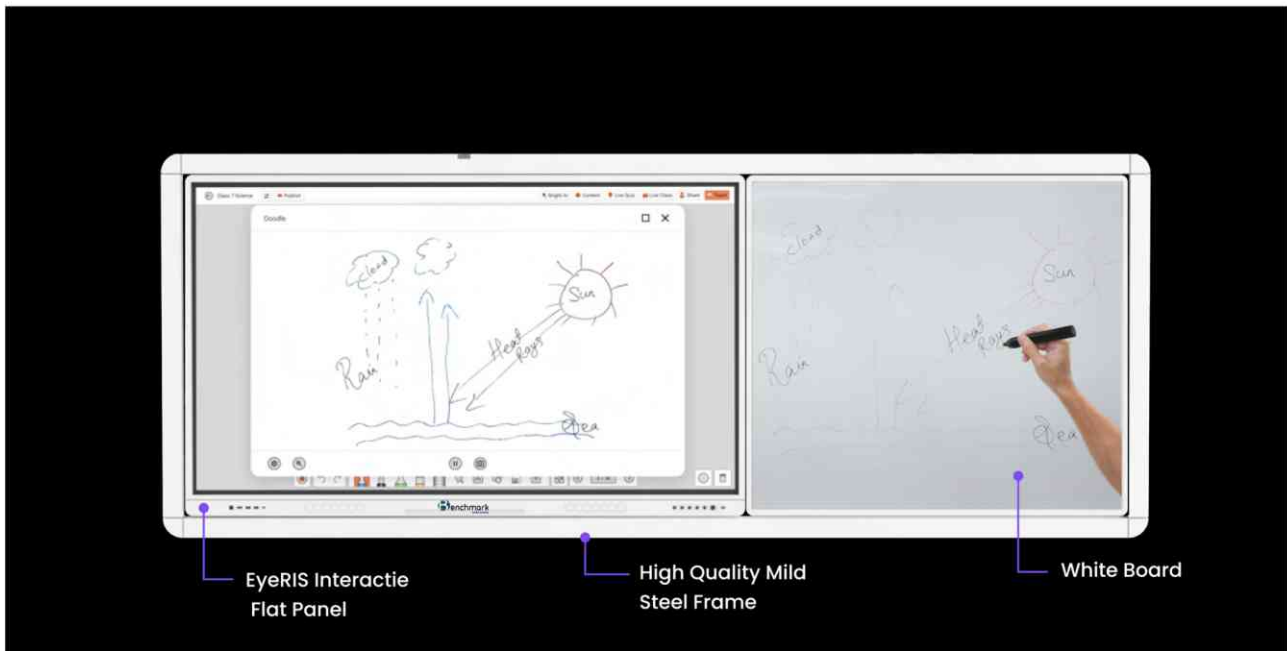
Uni-board
design



Gen AI Content
Creation



Class Engagement
Analysis



Energy-Saving Mode

The IFPD can remain in low-power mode while the whiteboard camera captures and saves all written content.



Power Interruption Resilience

Classes can continue seamlessly during power outages, with all content synchronized once power is restored.



Automatic Data Backup

Continuous data capture and secure storage ensure no loss of information even when the panel is off.



Reduced Energy Costs

Lower power consumption leads to significant energy savings and supports sustainability goals.



Extended Panel Life

Reduced active time prolongs the digital panel's lifespan, reducing maintenance and replacement costs.



Reduced Active Time

Alternating between the whiteboard and digital panel minimizes screen usage, leading to energy savings.

Benchmark technomate

Best for

Teachers

YouTubers

Creators

Traders

Podcasters

Influencers

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1800 212 4704

**One Stop
Solution For**



Smart Class
Setup



Interactive Flat
Panel



Online Class
Studio Setup



Youtube
Studio Setup



Audio
Solution