



Experience the first
AI-powered interactive display

Designed for future-ready classrooms

**Meet Neod Ai-IFP , the world's first
AI-powered digital board with touch technology.**



Android 14



Octa core
Processor



Dual Sony
Speaker 20W

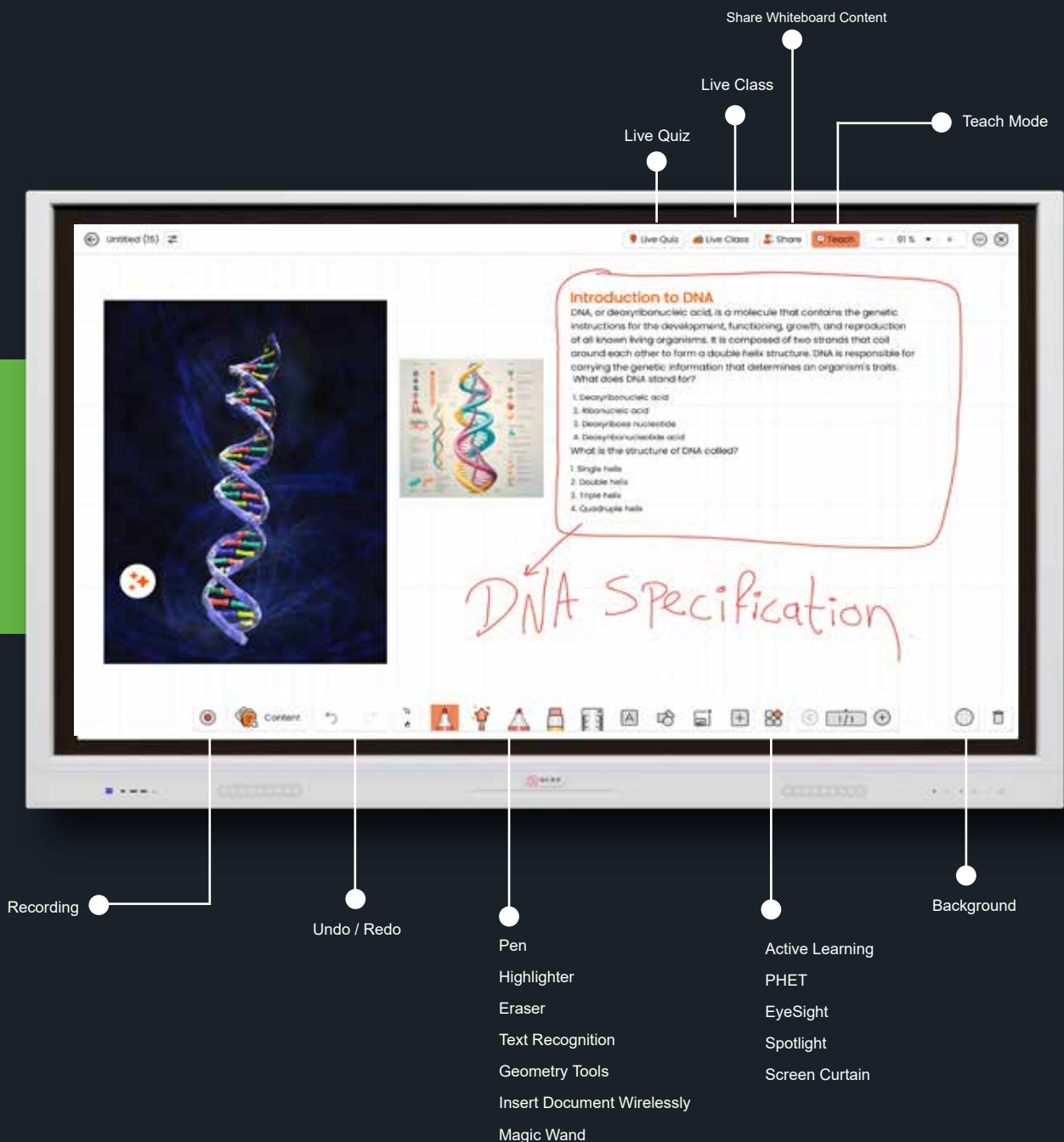


BEO Display

	Typical IR-based Panels	Neod
Durability	—	✓
High Accuracy	✗	✓
Accurate Touch Recognition	✗	✓
Response Time	✗	✓
Narrow Bezel	✗	✓

The most advanced digital tools for easy and collaborative learning.

The **NEOD Ai-IFP** panel's digital whiteboard combines creative tools, cloud search, and **AI** for quick Content display. It supports virtual and in-class teaching, encourages collaboration, and makes Learning interactive and easy to share.



Simple classroom management with a smart and easy-to-use dashboard and collaborative learning.

The **NEOD Ai-IFP** digital board has a smart dashboard with easy tools for teachers with one click. They can use ai tools, share screens, and control devices the home screen makes class. Scheduling simple, helping teachers create fun and interactive lessons.



Instant Access To AI Tools For
Enhanced Teaching
Capabilities



One-click screen casting
and **effortless device**
control



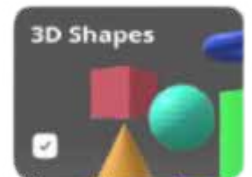
One-click screen casting
and **effortless device**
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Neod Ai -IFP Engagement Suite brings Learning to life with immersive experiences.

Neod Ai-IFP transforms learning with **3D MODELS**, virtual labs, and fun learning games, making studies engaging and easy to understand.

Discover and learn with 3D interactive models of complex structures.

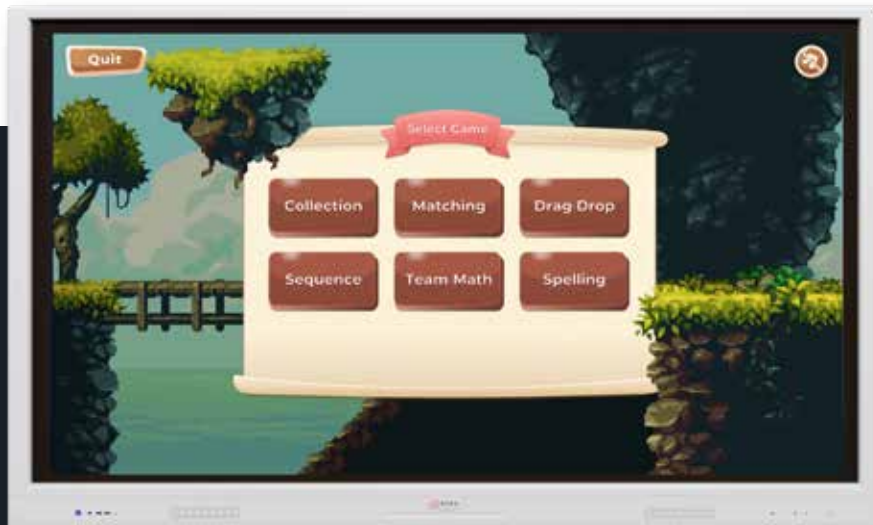
Neod Ai-IFP 3D models help students understand complex ideas. Teachers can rotate, zoom, and highlight parts for an engaging learning experience."



And Many More

Make learning fun with personalized adaptive games.

Neod Ai-IFP helps teachers design interactive, concept-based games, making learning fun and engaging while boosting understanding of complex topics



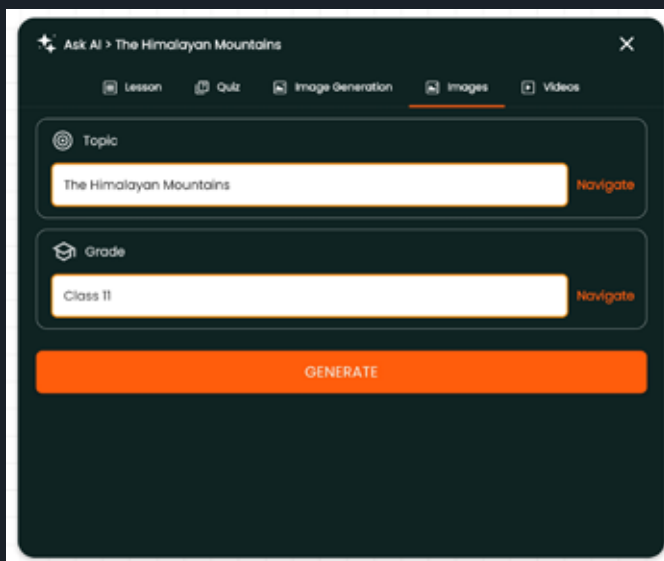
Make lab experiments come alive with Virtual simulations.

Neod Ai-IFP allows teachers to virtually demonstrate experiments, offering clear, safe, and resource-saving lessons for all students."



Unlock advanced teaching with GenAI-powered content solutions

NEOD Ai-IFP uses AI to automatically create lessons, quizzes, and assessments, along with personalized assignments and smart image search."



Create a rough diagram, and let the AI Magic Wand suggest clearer images.

Magic Wand is an AI tool that enhances teaching on digital whiteboards by suggesting relevant images as educators sketch, creating an engaging and interactive classroom experience."



Enhance Learning with Neod AI Agent

The AI Agent enhances education by creating lessons, quizzes, and summaries. It finds relevant images, videos, and text, extracts key points from PDFs and YouTube, and translates text. This tool helps teachers easily add dynamic content to their lessons.



AI-Powered Presentations for Seamless Lesson Planning

The Neod Interactive Flat Panel's AI PPT Generation Tool revolutionizes lesson preparation. By simply entering a topic, it generates captivating, visually striking presentations in seconds. This efficient feature enables teachers to concentrate on delivering content, ensuring engaging and impactful lessons across diverse subjects.



AI Quiz
Generation



AI Report
Generation



AI Math
Recognition Tool



AI Smart
Search Tool



AI Flashcard
Content Creation



AI Voice Recognition
Tool

Other Panel VS Neod Ai-IFP Panel

Neod Ai-IFP stands out from competitors with its seamless ai integration, Cutting-edge touch technology, and versatile learning tools, redefining Classroom engagement.

	Smart Board	Neod AI Smart Board
AI-Powered Lesson Plan Generation	✗	✓
Automatic Content Creation	✗	✓
Automatic Quiz Generation	✗	✓
AI-Powered content summarization	✗	✓
Bloom's Taxonomy Integration	✗	✓
SES Framework Integration	✗	✓
Multi-Language Content Creation (75+ languages)	✗	✓
Automatic Grading Based on Rubrics	✗	✓
AI-Generated Student Performance Repo	✗	✓
Virtual Lab Simulations	✗	✓
3D Virtual Models	✗	✓
Class IQ Feature	✗	✓
AI on PDF	✗	✓
AI on YouTube Videos	✗	✓
AI-Assisted Lesson customization	✗	✓
Active Play Features	✗	✓
Immersive Gaming Experience	✗	✓
AI-Assisted Brainstorming	✗	✓
AI Vision Sensing Camera	✗	✓
Real-time Movement Tracking	✗	✓

Neod Ai-IF Specifications

Model No.: EP65-P1, EP75-P1, EP86-P1		Hardware
Finish and Sizes	Finish	Pearl White
	Size	55",65",75",86",98",110"
Display	Display Type, Resolution & Refresh Rate	Uttra HD IPS LCD Aw Display 3840*2160 (pixels) with 60Hz refresh rate.
	LFD View Angle	Direct LED, HDR Display, with wide viewing angle Of 179°(H) 1' 1 1790°(V)
	Surface	Matte finish Surface with 3.2mm Toughened Class MOHS Level 7 hardness
	Colors & Contrast Ratio	1.07 Billion Colors, Dynamic contrast 100000:1, 13001 (typ.)
	Brightness	450 nits (Max). 350400 nits (TYP)
Touch Technology	Technology	Advance Neod AI 10 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, Pen & Touch 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	4 GB/ 8 GB*
	Storage	Unlimited cloud storage* bundled with 32 GB / 128 GB* Onboard
Speakers	Stereo Speakers with Surround Sound	Front Facing, Hi-Fi, Stereo Sound output with 20W x 2 with 8Q impedance, built-in subwoofer & Surround
		Bass reflex with dual passive radiators.
1/0 ports	Front	Front: USB 3.0 x1 (Shared), USB 2.0 x 1 (Android), USB Type cx 1, Touch USB x 1, HDMI x 1
	Back & Bottom :	Side: HDMI IN x 2, VGA IN x 1, VGAAudio x 1, Touch USB x 1, USB 3.0 x l, USB 2.0 x 1, MicroSD Card x 1 Bottom: LAN x 1, SPDIF x 1, Audio OUT RS232 x 1
Power Consumption	Voltage	Voltage: 100 V - 240 V/AC, 50/60 Hz
	Power	65" Q30W, 75" coowt 86" s400W, 98"
	StandBY	Stand-by. <0.5 W
Enviornment	Temperature	Working Temp: OOC — 400C , Storage Temp: Minus 1 OOC 600C,
	Humidity	Working Humidity: 10% to 80% RH Non-Condensing, Storage humidity: 5% to 90%
	OPS (Optional)	Intel Core i3/ Core i5- 9th Gen or Above, Memory: 8GB (Configurable), Storage: 256 GB SSD (Configurable), Graphics: Intel UHD 4K @ 60Hz, Wi-Fi:- Dual Band 2.4 GHz & 5 GHz, LAN, HDMI-out, USB 3.0 USB 2.0x 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 & ISO

		Software
Multi-User Collaboration	Live Multi User Collaboration with Live Icursor tracking	Yes
	Host can manage and control Writing permissions	Yes
Ease of Control	Voice Control	Yes
Wireless Casting & screen Sharing	Native Support for Airplay & MiraCast	Yes
	Multi- Device Casting	Upto 4 Devices simultaneously
Software	Take Student Attendance from Panel	Yes
	Assign Homework to students	Yes
	Built in Live Virtual Teaching	Yes
	Student & parent apps on Playstore	
Teaching Software	1. Ability to access online curated content curriculum for lessons creation 2. Import documents & multi-media in lessons, share lesson. 3. Remotly 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 1 Mbps 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 & incass students., 7. Create and share assignments, tests, and get analytics & insights Of the student performance, 8. Always Ready to Connect to smart devices, like mobile and tablets, recieve files wirelessly from mobile devices. 9. STEM Tools draw shapes, use math tools, like protractor and compass, solve equations and formulas, and simulate physics and chemistry lab experiments IO. Whiteboard: Pen, colours, Highlighter and Eraser, Multi-background, Creativity Tools, Smart Draw, Shapes, 11. Presentation Tools : Screen Curtain, Spotlight, Presentation mode 12. Productivity Tools : Media import, (Docs, sheets, PDF, slides), Stopwatch & Document Scanner, Snipping tool 13. Built-in Chrome Browser for Secure and fast browsing experience, Built-in Office Viewer App. + 14. Support for installing MS Office Apps 15. Support for Android apk installation, Support for 3rd Party VC Apps like Microsoft Teams, Zoom, Google meet. 16. Infinite canvas with multi writing and palm erasing gesture support, 5 finger touch to sleep/ wake,	
AI Features	Auto lesson Creation on any Topic	Yes
	Auto Quiz Creation on Any Topic	Yes
	Auto Assessment Creation with various difficul Levels	Yes
	Auto Self Study course Creation	Yes
	Teacher, Student, Admin and Parent App	Yes
	Interactive 3D models and experiments	Yes
	Built-in Educational Content search engine with Indexed Curriculum	Yes

*Subject to FUP listed on the IFPD website. Specifications may change without notice post publishing this document.