LOGIC®

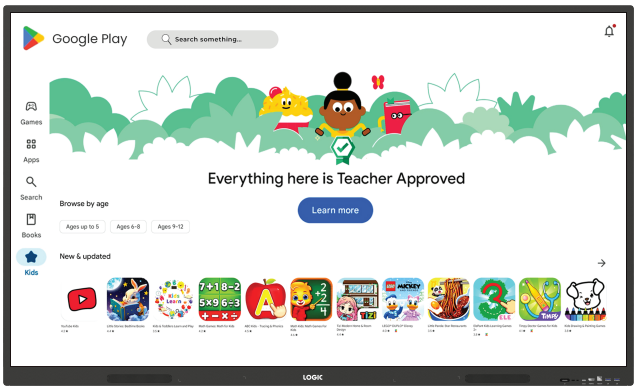
INTERACTIVE DISPLAYS

EX Series



Bringing AI To Every Classroom

PRODUCT BROCHURE



Google EDLA: Optimized for a Smarter and Smoother Experience

The IFPD features Google EDLA-certified Android 16, ensuring a secure and efficient operating system tailored for educational and professional use. This certification guarantees compatibility, device management, and security, allowing access to a vast array of applications from the Google Play Store. With its intuitive interface and advanced features, users can enhance productivity and collaboration seamlessly.

Google EDLA
CERTIFIED

Gemini

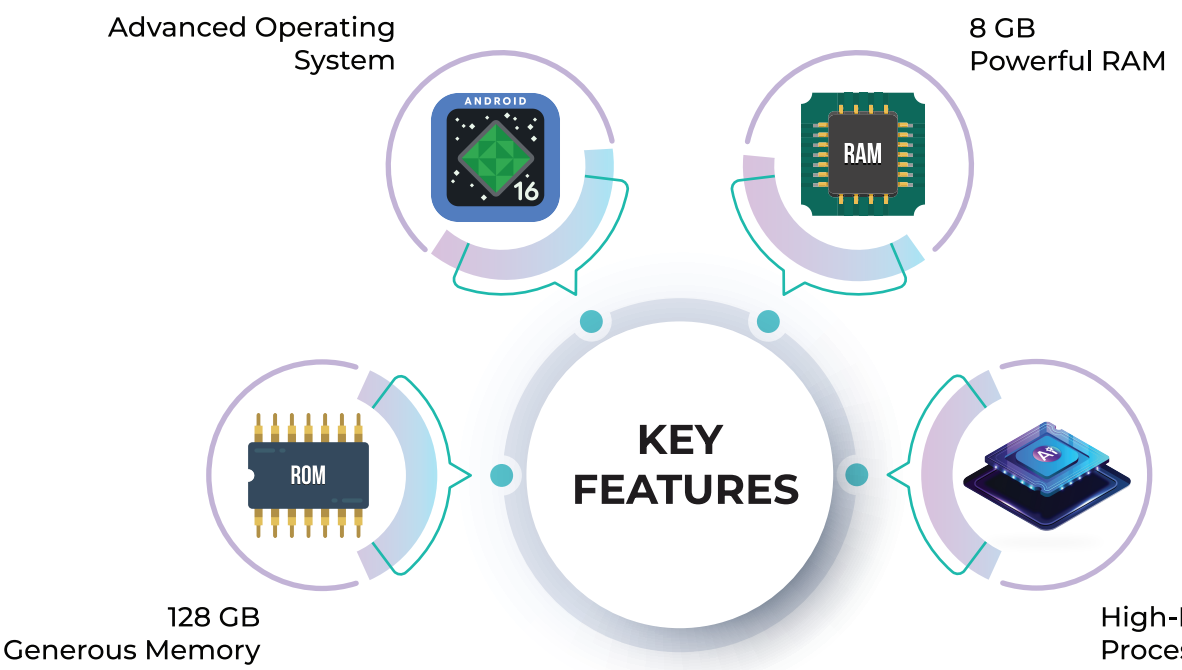
Google Apps

System Apps
Pre-installed Applications

Google Play
Access all your favorite apps directly on the LOGIC IFPD

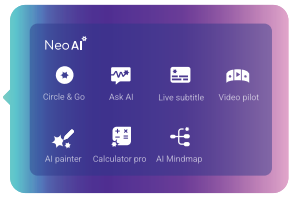
Google Play Protect
Experience enhanced security

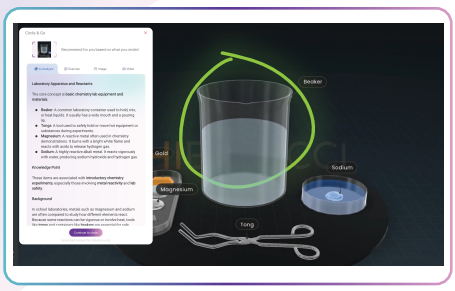
Optimized Performance with Google Services
Smooth & efficient app experience



INSTANT INSIGHTS WITH Neo AI







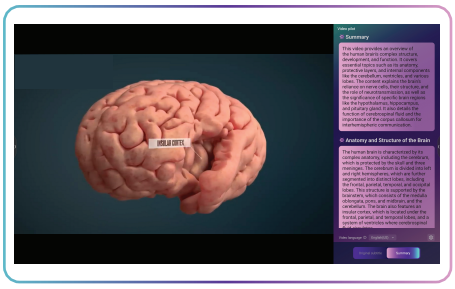
Circle It. Know It

An on-screen circle, intelligently brings up relevant visual insights



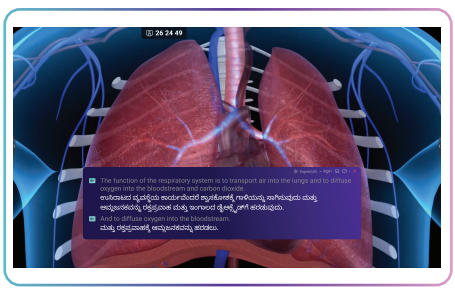
Activity Based Quizzes

Generate MCQs, fill-in-the-blanks, match-the-following, and open-ended questions Instantly



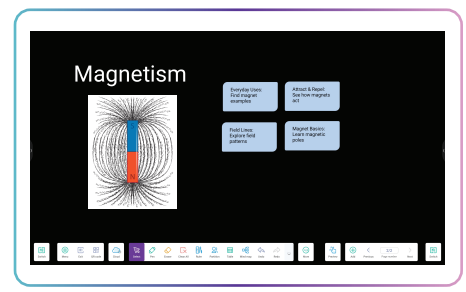
Video Pilot

Turn every video into structured knowledge with subtitle extraction, intelligent summaries, and one-click export



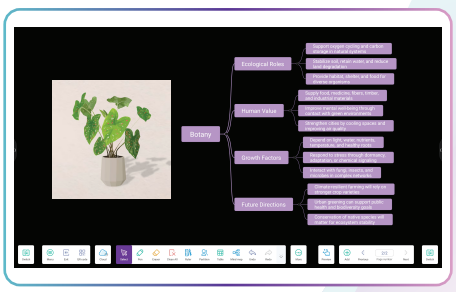
Live Subtitles

Generate real-time subtitles and translate them instantly into multiple regional languages and Export



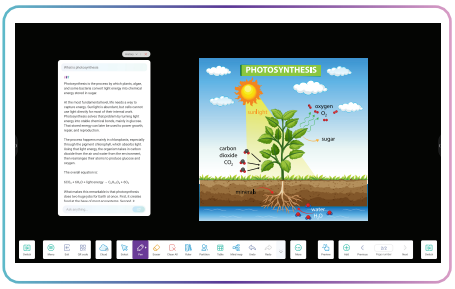
AI Topics

Generate relevant subtopics instantly for deeper learning



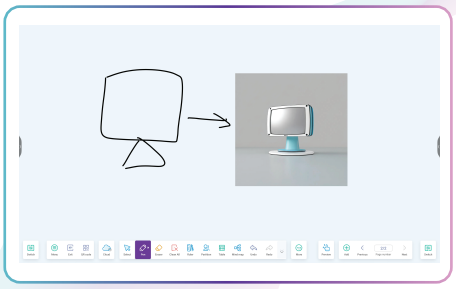
Smart Mapping with AI

Instantly organize key ideas, concepts, and connections into intuitive visual maps



Ask AI

Write your question in the Ask box, and get instant answers



From Doodle to Detail

With just one tap, the AI Painter transforms your rough doodles into rich, life like artwork

Key Features

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, image, 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.

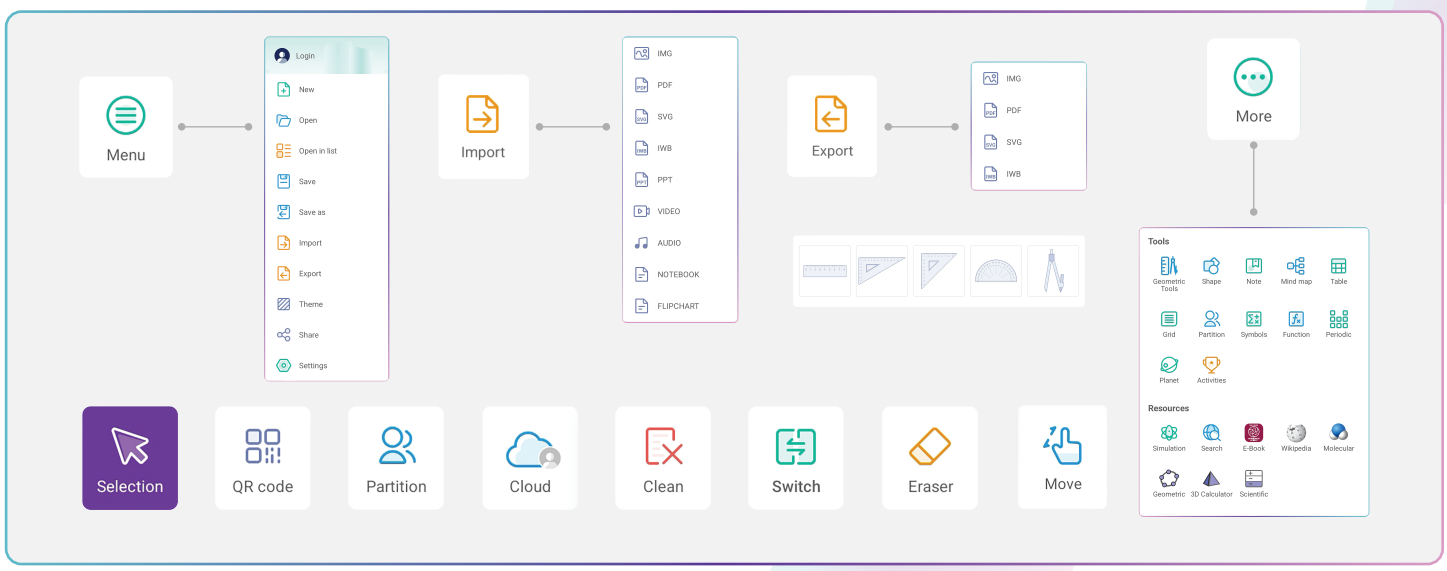
NCERT e-Book Integration
Direct access to built-in NCERT e-books for seamless curriculum alignment.

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.



Wireless Share

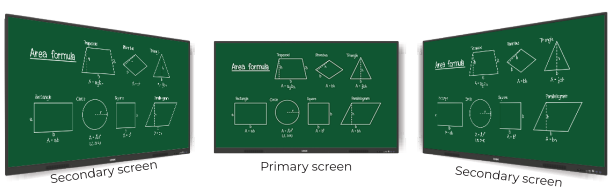
Connect upto 30 Devices (Android, Windows, iOS & macOS)



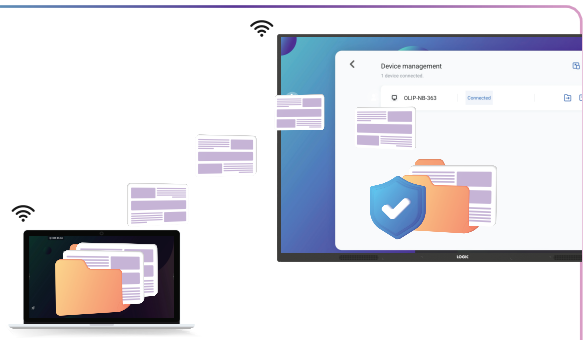
Wireless Screen Sharing
Upto 30 Devices
(Android, Windows, iOS & macOS)



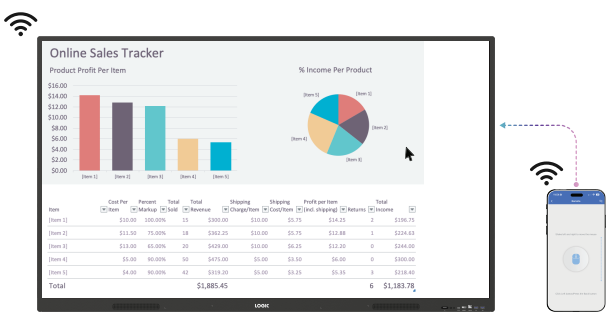
Desktop Sync
Access LOGIC IFPD on any device



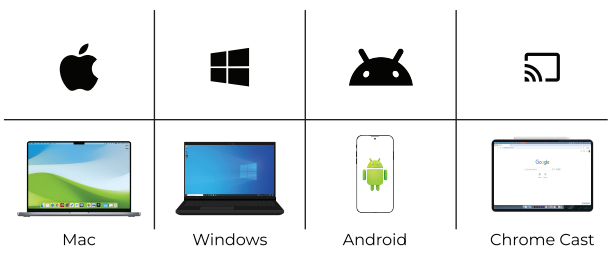
Wireless Broadcast
Seamlessly broadcast from one IFPD to IFPD and remotely control the secondary display



File Transfer
Fast, secure, and effortless file sharing



Remote Control
Wireless IFPD control with touch and gyro precision



Device-friendly
Cast from any gadget

Built-In Audio

Equipped with dual 25W front-facing speakers, the display delivers standalone audio capable of supporting multimedia presentations in standard classrooms and meeting spaces, eliminating the need for external sound systems.



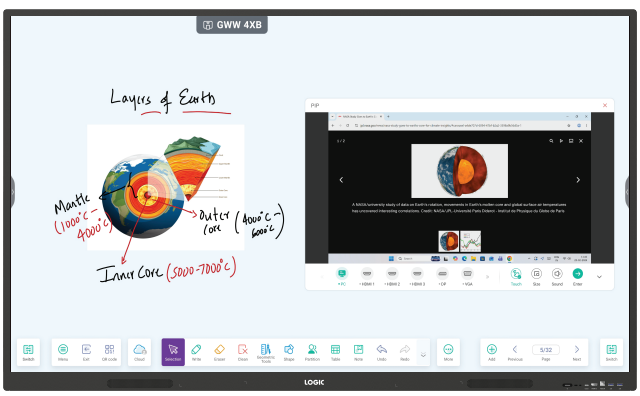


4K Ultra-Clear Visuals and Precision

The IFPD supports a stunning 3840 x 2160 resolution with a 4K UI and 4K annotation, delivering ultra-clear visuals and precise detailing. This high-definition display ensures exceptional clarity for presentations, annotations, and multimedia, enhancing both productivity and engagement

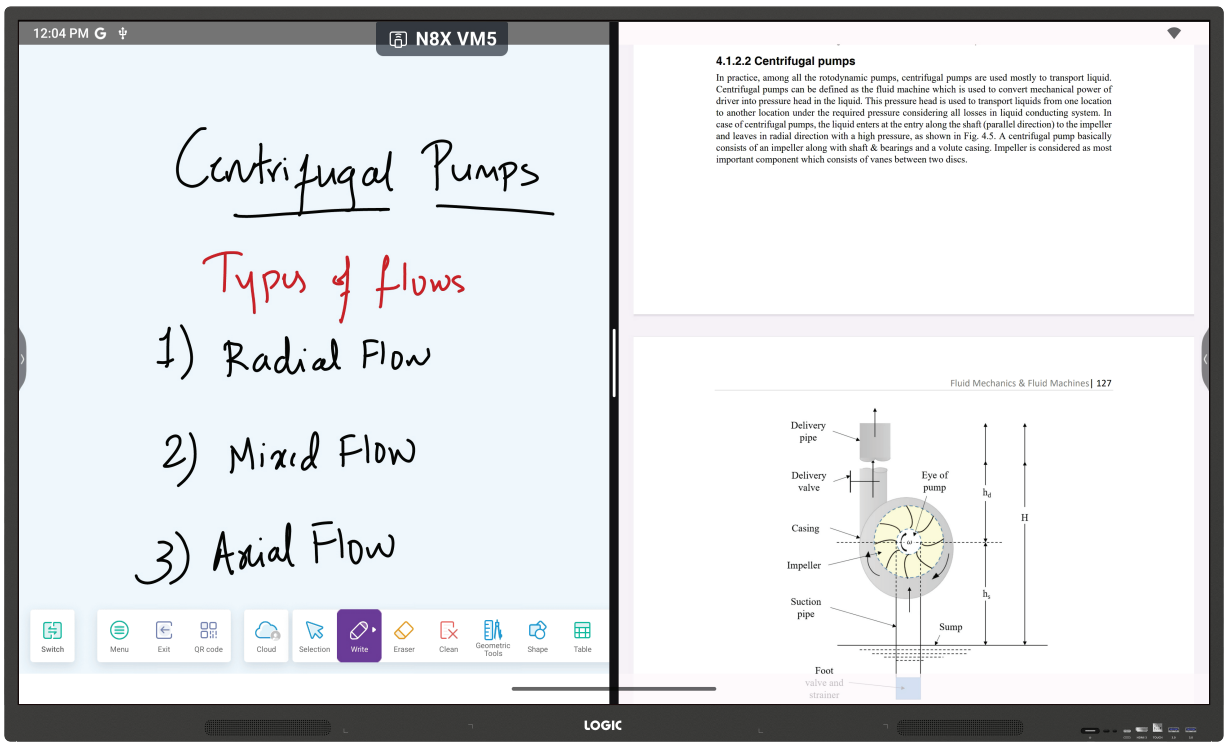
Picture-in-Picture (PIP)

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



Dual Views with Double Productivity

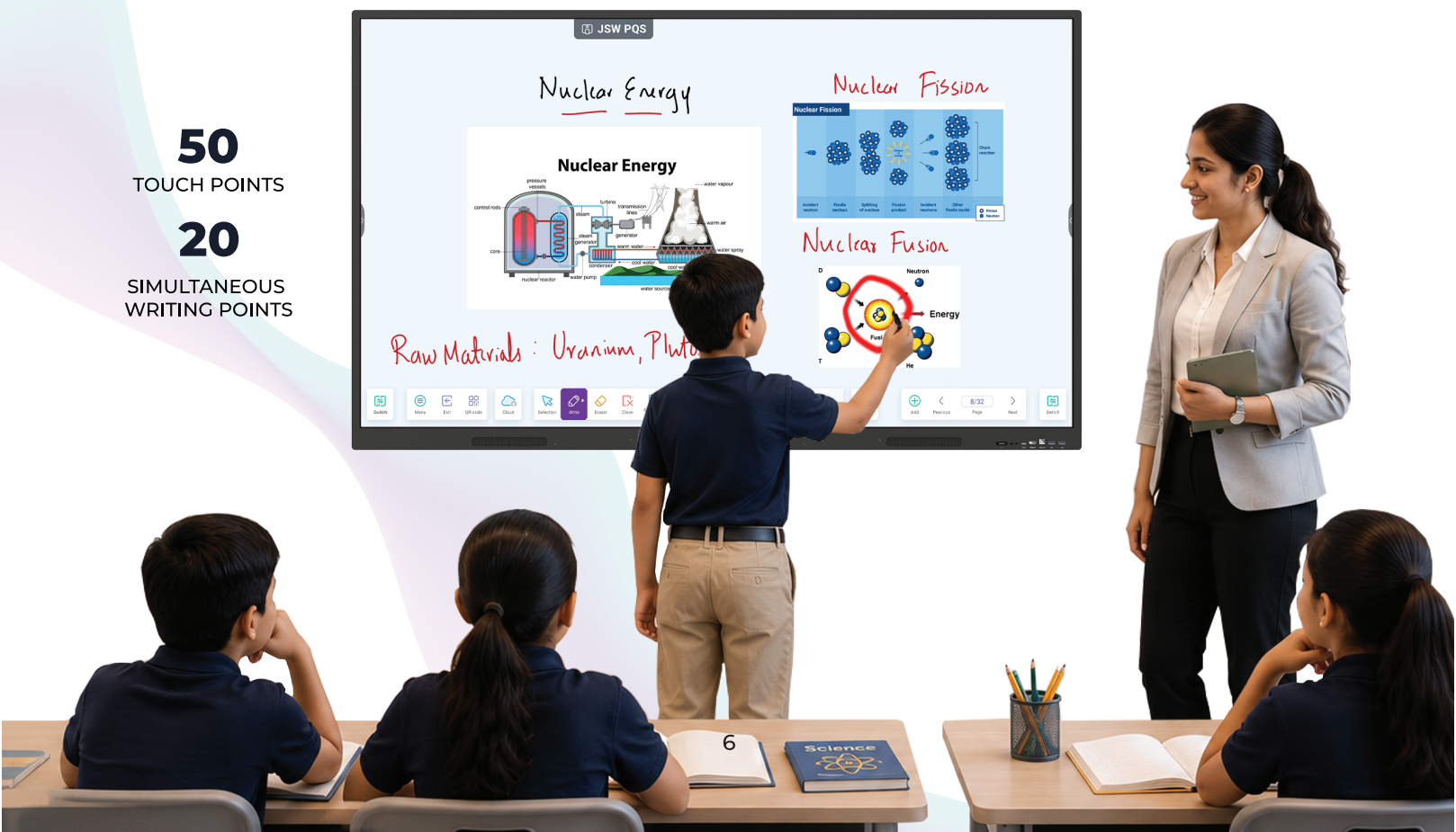
Split-screen mode lets you run two applications simultaneously, perfect for multitasking. Write on the whiteboard while referencing documents, browsing content, or running presentations side-by-side



Next-Gen Touch Experience

50
TOUCH POINTS

20
SIMULTANEOUS WRITING POINTS



LOGIC® x PHIBONACCI
UniPhiEd Learning

Transforming Learning with Experiential
Hyper-Realistic 3600+ 3D simulations

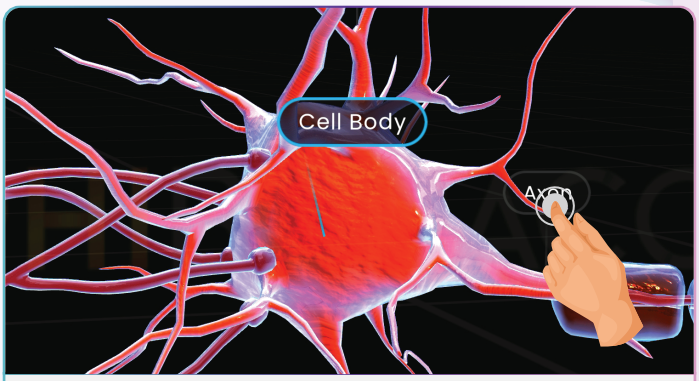


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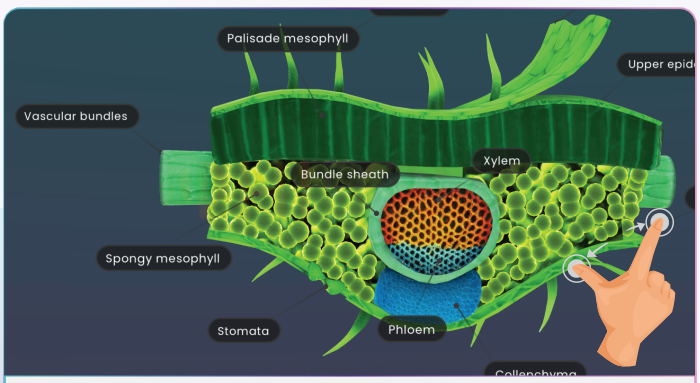
IMAGINE AN ALL - NEW TEACHING EXPERIENCE



Where you're not just seeing a 3D Model, but explore it from all angles



Where you can pick the area of focus as per your class progress



Where the true power of hyper interactive 3D models can come to life as per your interaction



Across all Curriculums, subject and grades

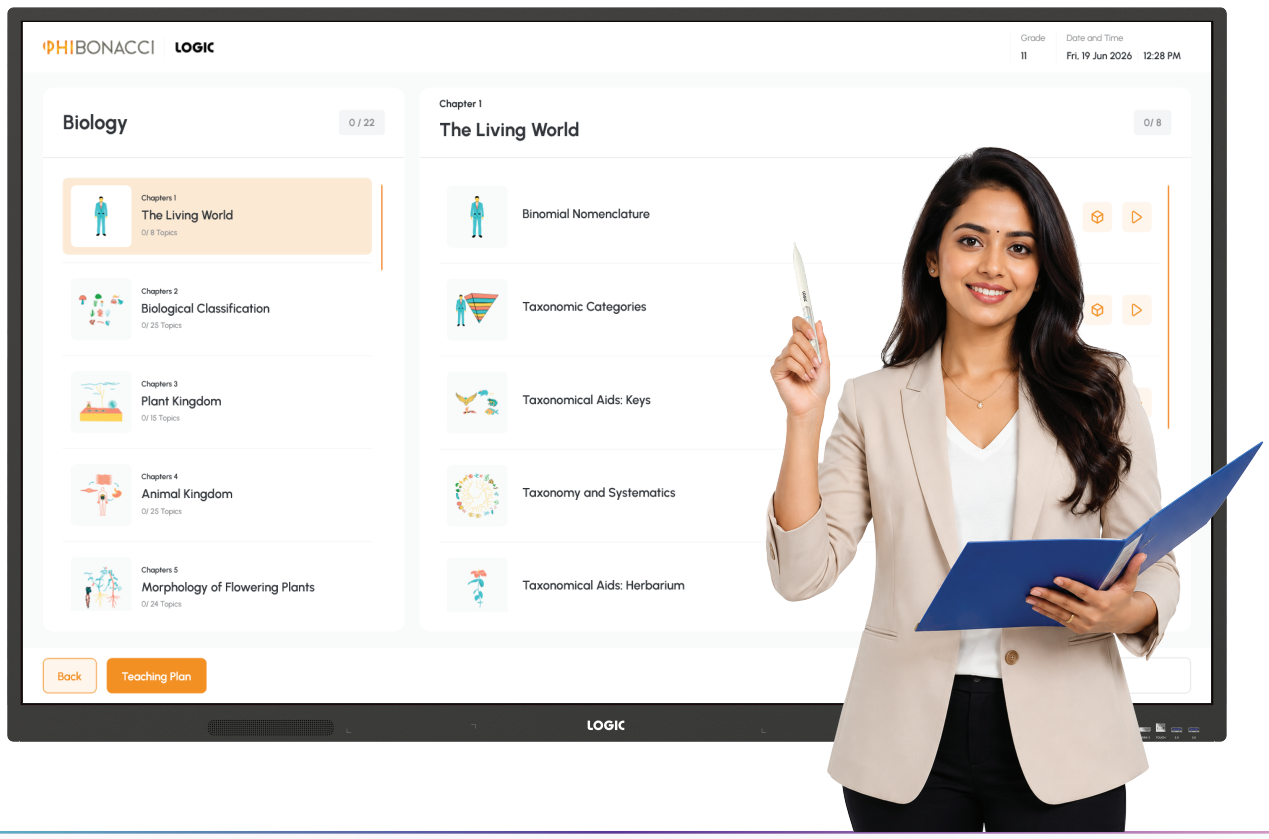
Reduced Time
Using Phibonacci reduces the time needed to teach concepts from basic to complex

Full Usage
Unlike other products, Phibonacci is designed to be used for the full duration of the class and not just for parts

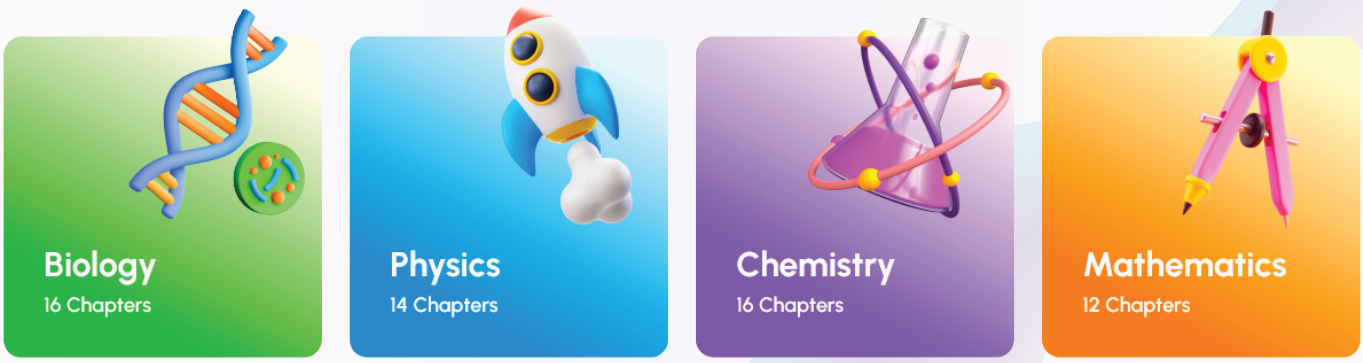
Teacher Training
Our short-video library allows teachers to quickly prepare for the class they are going to teach

A HOLISTIC SOLUTION

STEM-based content aligned with major world curriculums



Informative content with rich 3D visuals across the subjects



LOGIC®

PRODUCT SPECIFICATION

	MODEL	LT-IR65EX	LT-IR75EX	LT-IR86EX
Display	Size	65 Inch	75 Inch	86 Inch
	Panel Type	VA	VA	VA
	Back Light Unit	DLED	DLED	DLED
	Response Time	6ms	6ms	6ms
	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	3840(H)x2160(V)	3840(H)x2160(V)	3840(H)x2160(V)
	Refreshing Frequency	60Hz	60Hz	60Hz
	Display Color	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
	Bit Rate	10 bit	10 bit	10 bit
	NTSC Gamut	72%	72%	72%
	Contrast Ratio	5000:1	5000:1	4000:1
	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
	Glass Hardness	9H (Substrate scratch resistance) & 7H (Intrinsic material hardness)		
	Operating Time	16/7	16/7	16/7
	Life Time	≥50000 Hours	≥50000 Hours	≥50000 Hours
Operating System	System Version	Android 16.0	Android 16.0	Android 16.0
	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	Passive stylus	Passive stylus
	Response Time	≤6ms	≤6ms	≤6ms
	Accuracy	±1mm	±1mm	±1mm
	Touch Point	50	50	50
	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 (Max)	50W (2x25W)	50W (2x25W)	50W (2x25W)
	Sound Pressure Level	90 dB	90 dB	90 dB
Power	Power Supply	100-240V~50/60Hz 3.5A	100-240V~50/60Hz 3.5A	100-240V~50/60Hz 3.5A
	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)	3 (Up to 4K@60Hz)	3 (Up to 4K@60Hz)
	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	1 (Supports USB functionality for data transfer and peripheral connectivity)		
	USB 3.0	3 (Front × 2, Rear × 1)	3 (Front × 2, Rear × 1)	3 (Front × 2, Rear × 1)
	TOUCH 2.0	2 (Front × 1, Rear × 1)	2 (Front × 1, Rear × 1)	2 (Front × 1, Rear × 1)
	AUDIO IN	1 (3.5mm Jack)	1 (3.5mm Jack)	1 (3.5mm Jack)
	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) (Android 1000Mbps; OPS 100Mbps)		
	Wi-Fi	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	5.4	5.4	5.4
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	124mm	126mm	127.1mm
	Net Weight	<32kg	<43kg	<55kg
	Gross Weight	<40kg	<56kg	<70kg
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
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

** Images used are for illustration purposes only

LOGIC®

EMPOWERING DIGITAL TRANSFORMATION

3 YEARS WARRANTY

Toll Free (India) : 1800 2020 990
For Services & Support : servicesupport@logicav.in
For Sales Enquiries : sales@logicav.in
Website : www.logicav.in