

INTERACTIVE DISPLAYS

CX Series

Bringing **AI** To Every Classroom



Discover the 50MP AI Camera engineered for total classroom clarity



16 GB RAM



256 GB ROM



50MP
CAMERA



SPEAKERS 40W
+20W SUBWOOFER

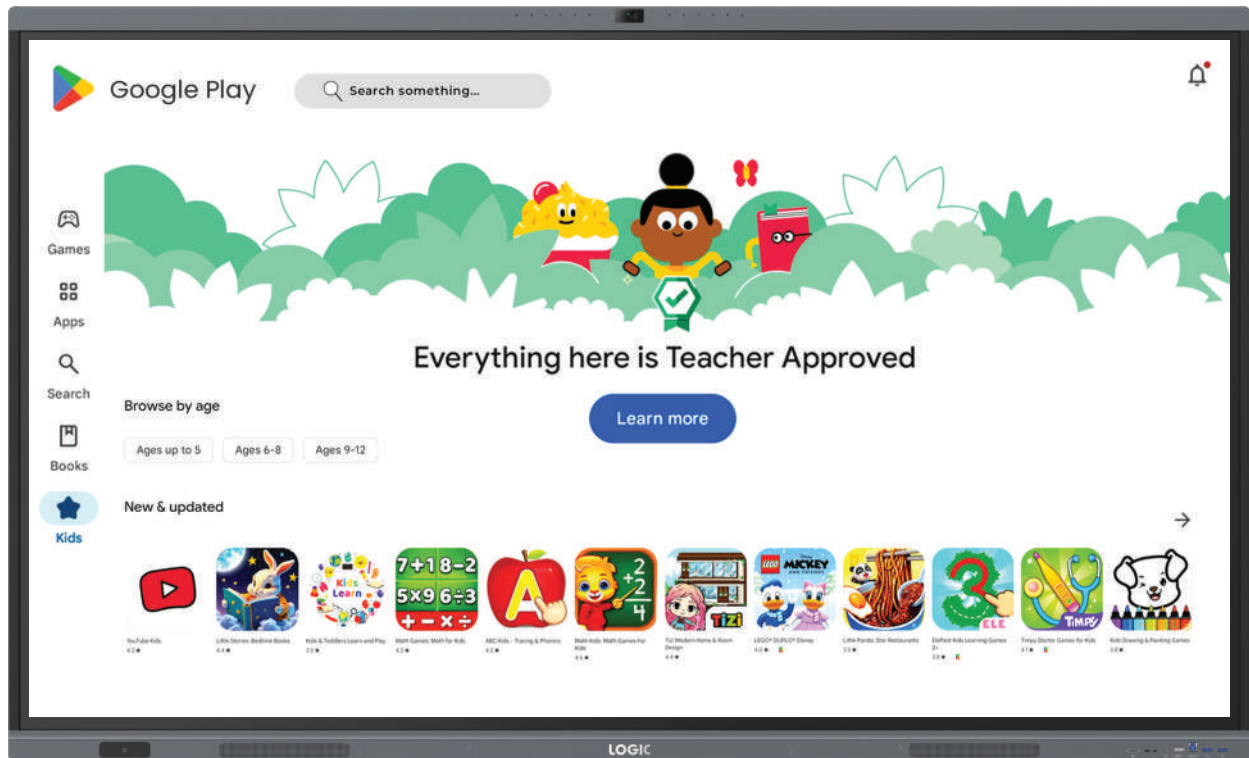


8 X MICROPHONE
ARRAY



SUPPORT
NFC MODULE

Google EDLA Certified



Google EDLA: Optimized for a Smarter, Smoother Experience

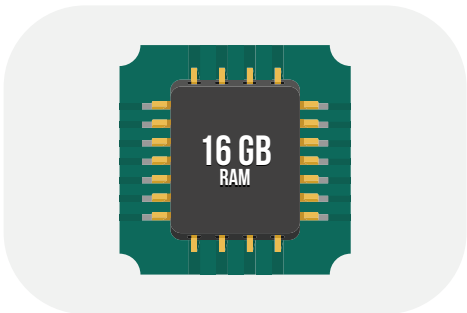
The IFPD features Google EDLA-certified Android 14, ensuring a secure and efficient operating system tailored for educational and professional use. This certification guarantees compatibility, device management, and security, allowing access to a vast array of applications from the Google Play Store. With its intuitive interface and advanced features, users can enhance productivity and collaboration seamlessly.



KEY FEATURES

Advanced Operating System

Powered by Android 14.0 (upgradable upto Android 16), the IFPD provides a secure, intuitive, and seamless user experience, perfectly suited for education and professional use.

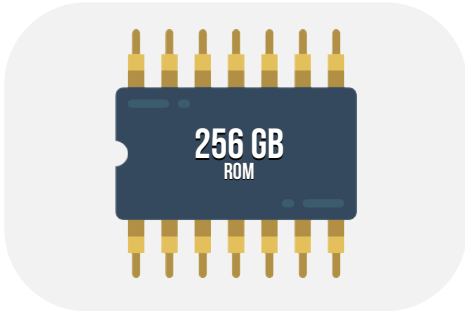


16GB Powerful RAM

With 16GB of high-speed RAM, the system delivers exceptional performance and seamless multitasking. Enjoy faster response, quicker app transitions, and uninterrupted operation even during demanding tasks ensuring a smooth and efficient experience every time

256GB Generous Memory

With a spacious 256GB of internal storage, the system provides ample room for apps, files, and multimedia content. Enjoy quick access, faster data handling, and the convenience of storing all essential resources securely without worrying about running out of space



High-Performance Processing

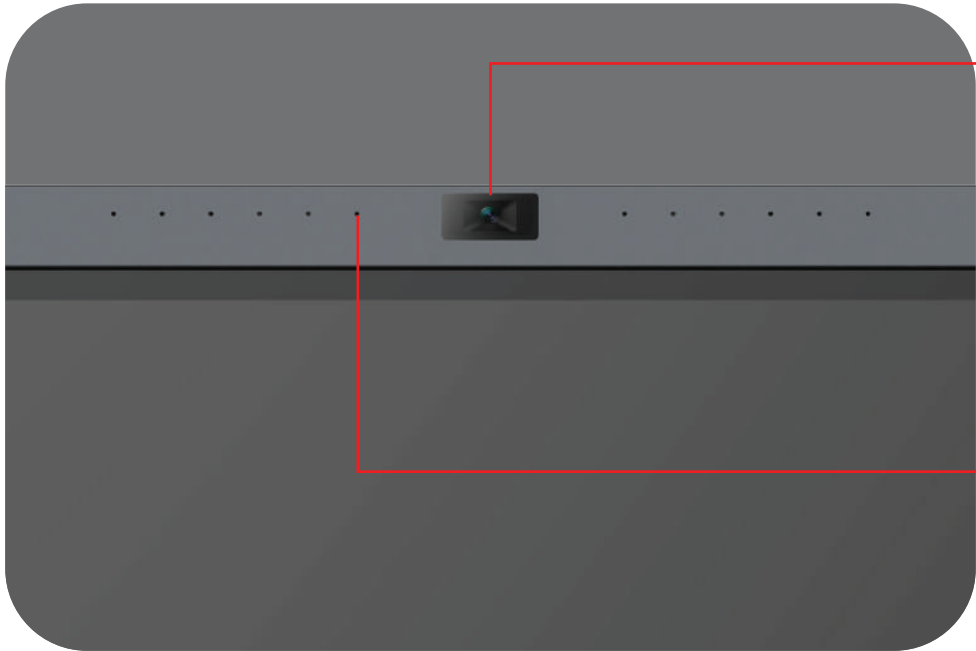
Driven by an Octa-Core processor (A72×4 + A53×4) and Mali-G52 MC3 GPU, the IFPD ensures smooth multitasking, fast response times, and excellent graphics performance for demanding applications

Expansive Memory

Enhance your storage flexibility with the integrated TF card slot, supporting expansion up to 1TB. Effortlessly store more content, applications, and media files ensuring smooth performance and ample space for all your needs



Camera & Microphone



50MP

AI CAMERA

 **SPEAKER TRACKING**

 **AUTO FRAMING**

8 ARRAY

MICROPHONE

Built-In Audio

40W

(20Wx2)

SPEAKERS

+

20W

SUBWOOFER



Front & Rear Connectivity Ports

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



FRONT PORTS

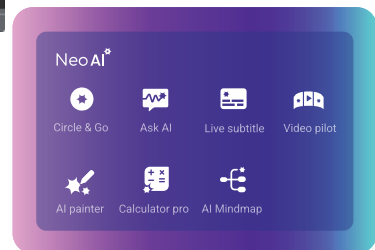
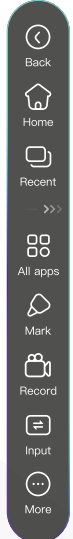
SIDE PORTS

4K Ultra-Clear Visuals and Precision

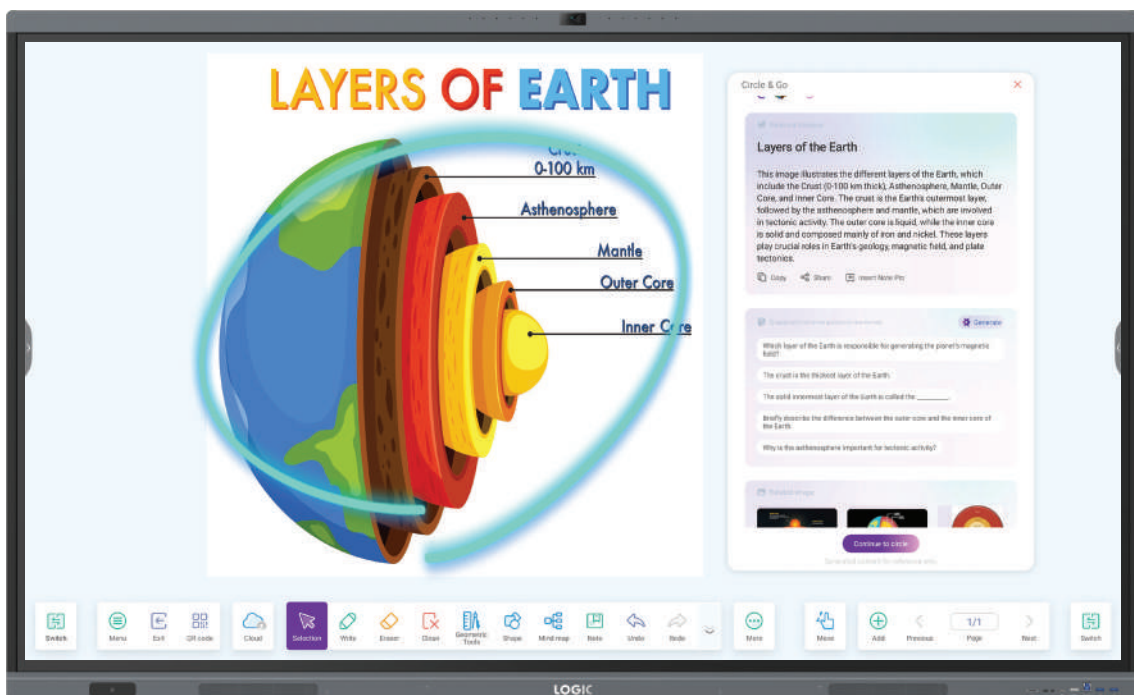
The IFPD supports a stunning 3840x2160 resolution with a 4K UI and 4K annotation, delivering ultra-clear visuals and precise detailing. This high-definition display ensures exceptional clarity for presentations, annotations, and multimedia, enhancing both productivity and engagement



INSTANT INSIGHTS WITH NeoAI[★]



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 enhances your learning experience by making information more accessible, without disrupting your workflow

Live Subtitles - Instant Multilingual Translation



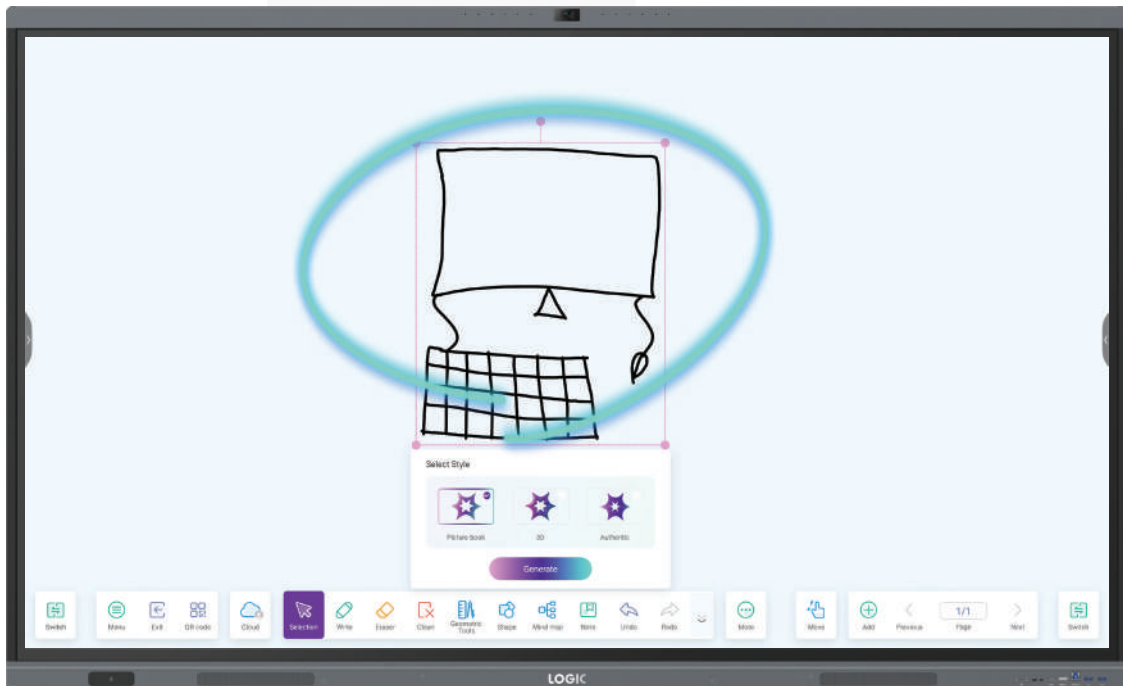
Effortlessly generate live subtitles in multiple languages with automatic video breakdowns. Gain clear, real-time understanding for any content

Video Pilot - Your Guide to Smarter Viewing



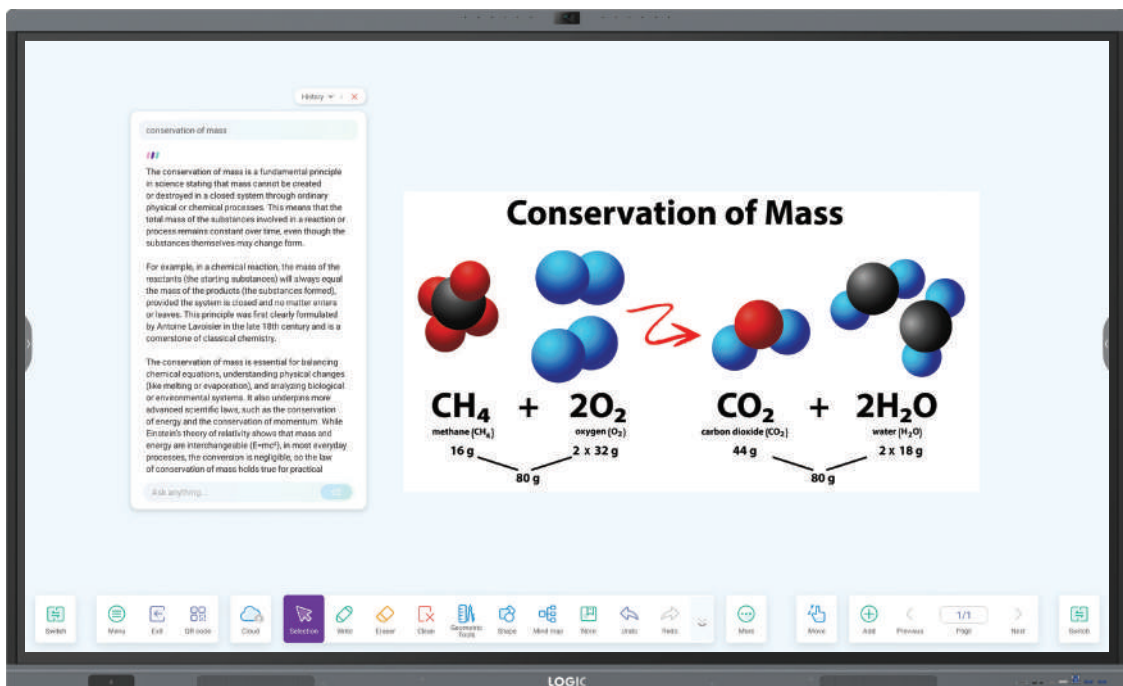
Generate real-time subtitles in multiple languages as you watch. With automatic video segmentation and smart summaries, understanding global content becomes effortless and efficient

From Doodle to Detail



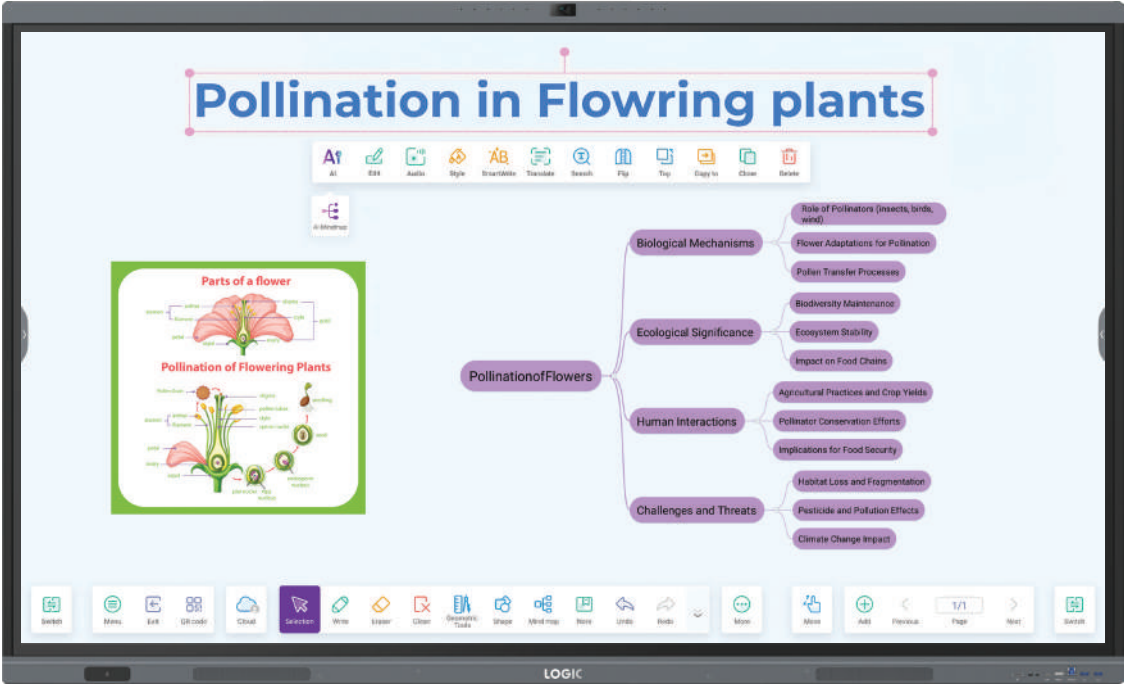
With just one tap, the AI Painter transforms your rough doodles into rich, lifelike artwork. Whether it's a quick sketch or a simple outline, the intelligent engine adds depth, texture, and detail, bringing your imagination to life with professional-grade precision

Ask AI - Type It. Know It



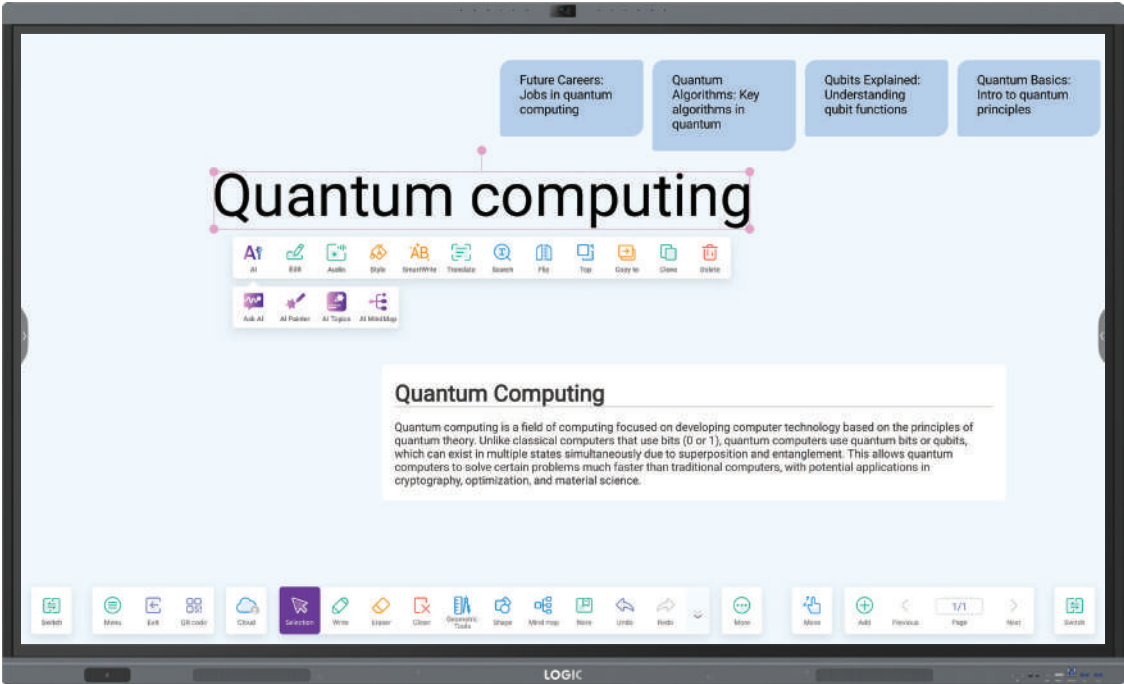
Simply write your question in the Ask box, whether it's about a word, image, or concept on your screen and get instant, intelligent answers. It's your assistant for quick understanding and deeper learning, right when you need it

Smart Mapping with AI



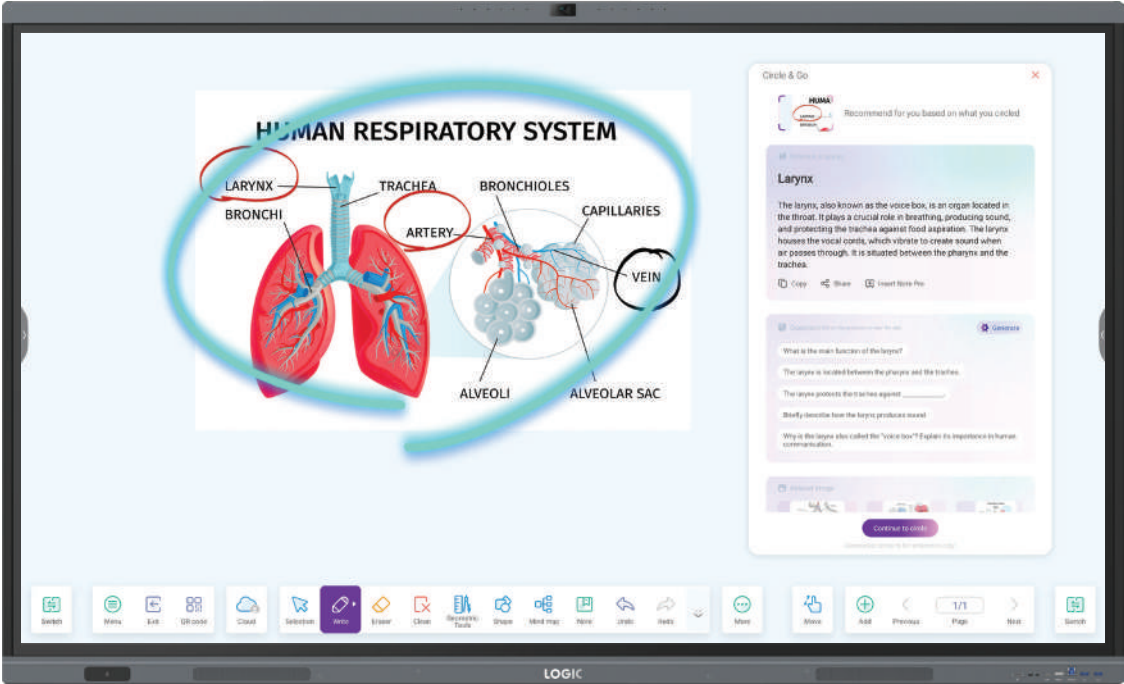
AI-powered Smart Mapping instantly organizes key ideas, concepts, and connections into intuitive visual maps. Whether you're brainstorming, revising, or teaching, it helps you understand complex information more clearly and retain it more effectively

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 - Instant Quiz Creation



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 assessment creation while ensuring relevance, accuracy, and adaptability to different learning needs

Ask NeoAI - Smart Pen with Voice Commands **

Use your Smart Stylus to activate NeoAI with simple voice commands. Whether you're navigating apps, highlighting content, or asking for explanations, NeoAI responds instantly, making your teaching or learning experience smooth, interactive, and hands-free



Picture-in-Picture (PIP)

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

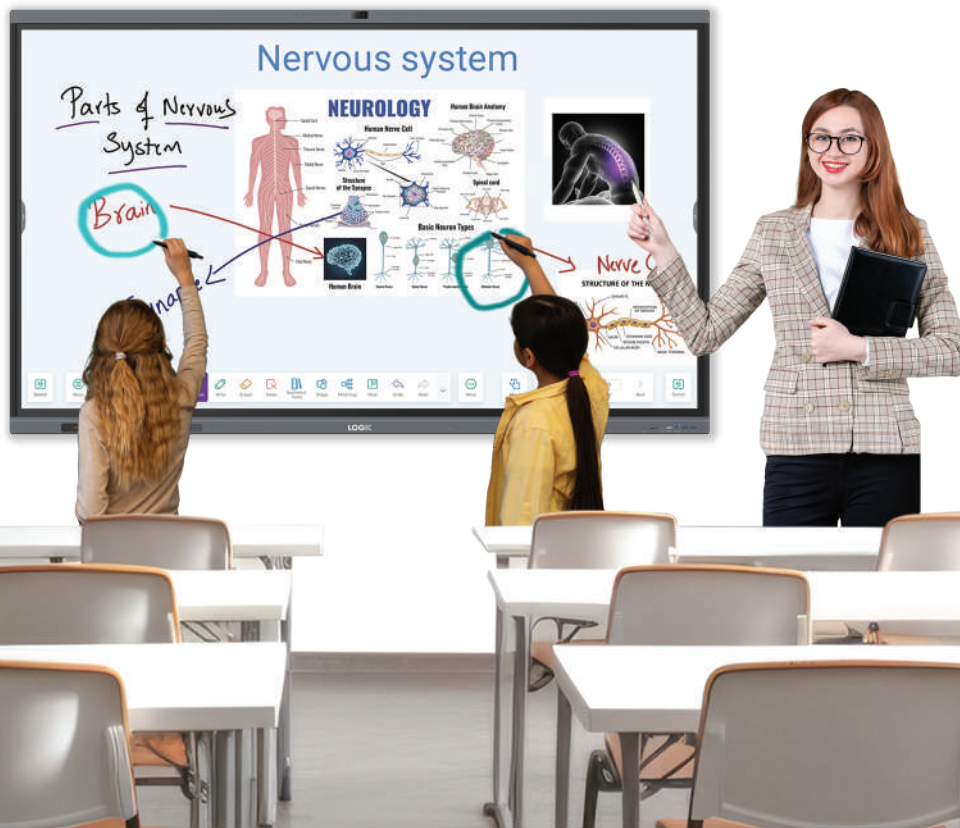


Wireless Screen Share

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



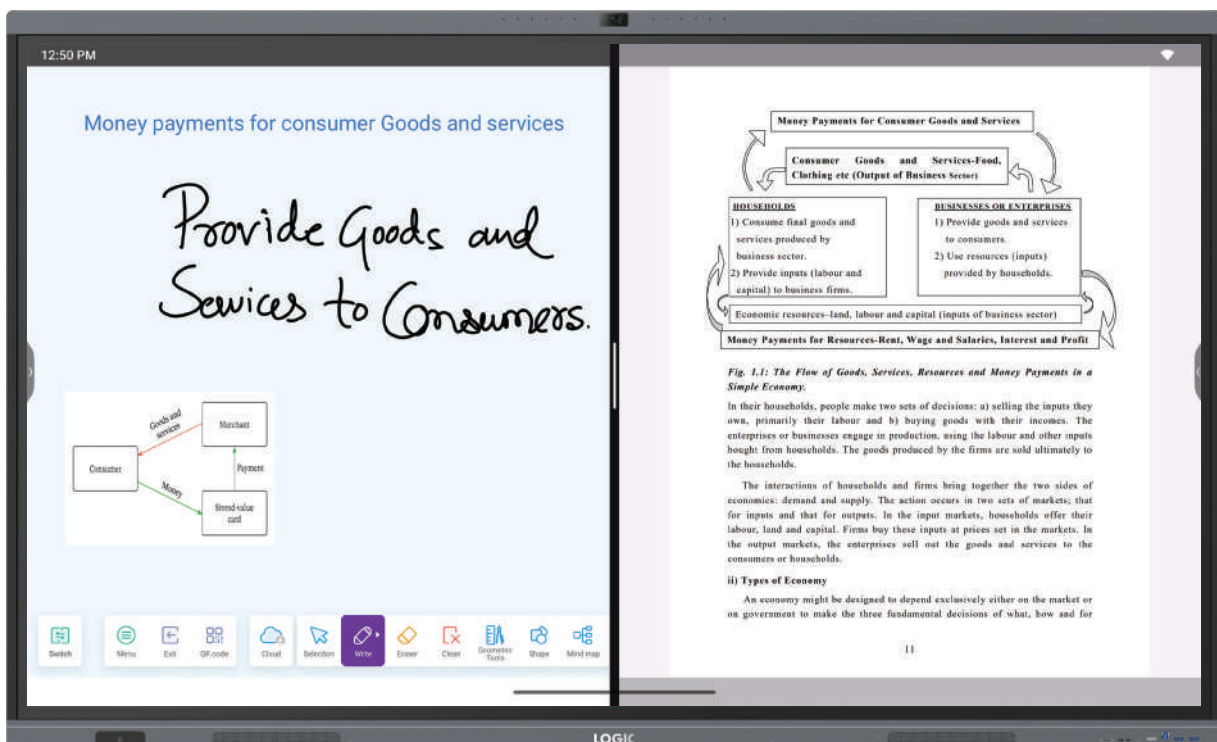
Next-Gen Touch Experience



50
TOUCH POINTS
20
SIMULTANEOUS
WRITING POINTS

Dual Views with Double Productivity






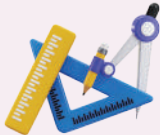







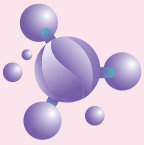
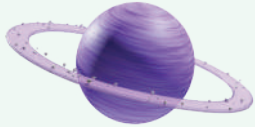

Split-screen mode lets you run two applications simultaneously, perfect for multitasking. Write on the whiteboard while referencing documents, browsing content, or running presentations side-by-side

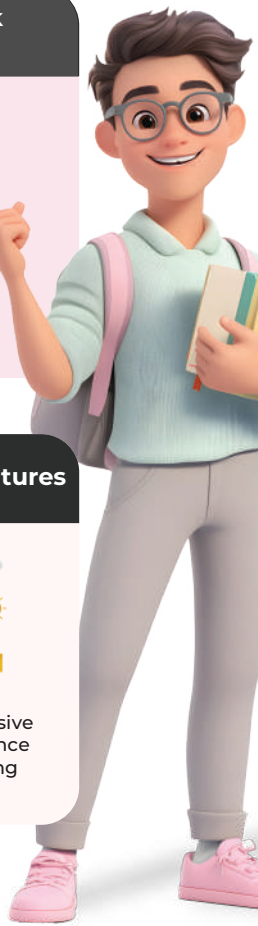


Key Features

Note Pro:

YOUR IDEAS, LIMITLESS CANVAS

Advanced Search  <p>Seamlessly explore images and videos with powerful search capabilities.</p>	Versatile Content Import  <p>Effortlessly import files such as PPT, PDF, audio, video, notebooks, and flipcharts to enhance learning sessions.</p>	Subject-Specific Simulation Tools  <p>Utilize tools designed for various subjects to enrich interactive teaching experiences.</p>	Regional Language Compatibility  <p>Support for multiple regional languages, ensuring inclusivity and accessibility.</p>
Effortless Note-Taking  <p>Easily capture and share notes through QR codes in both image and PDF formats, simplifying the process for students and educators alike.</p>	On-Board Geometric Tools  <p>Access a variety of built-in geometric tools directly on the board for precise shapes, measurements, and diagrams.</p>	Text-to-Speech Integration  <p>Enable on-board text-to-speech functionality to cater to diverse learning needs.</p>	Translate Feature  <p>Instantly translate content into multiple languages, making learning accessible to a diverse audience.</p>
Gamified Quizzes Creation  <p>Design engaging quizzes with the activity tool to create interactive and fun learning experiences.</p>	Cloud Storage  <p>Convenient cloud storage options for saving and accessing resources anytime, anywhere.</p>	Built-in 2D & 3D Shapes  <p>Includes pre-built 2D and 3D shape libraries for dynamic content creation.</p>	NCERT e-Book Integration  <p>Direct access to built-in NCERT e-books for seamless curriculum alignment.</p>
GeoGebra Mathematics Tool  <p>Integrated dynamic mathematics tool for advanced mathematical learning and visualization.</p>	Molecular  <p>Interact with chemical structures to explore atoms, bonds, and geometry for clear, engaging chemistry lessons.</p>	Planet  <p>Explore 3D models of planets with interactive visuals for an engaging space science experience.</p>	150+ Additional Features  <p>Explore a comprehensive suite of tools to enhance teaching and learning experiences.</p>



Advanced Monitoring, Simplified Control

Device Management System

A web-based solution to efficiently manage interactive panels supporting real-time monitoring, grouping, brightness and volume control, and instant broadcast of notifications and multimedia messages



Smart Monitoring with Insightful Analytics

Monitor device performance through an intuitive web-based interface. The DMS application provides detailed operational data, enabling you to gather usage statistics, identify issues, and ensure optimal panel performance with ease



Centralized App Management Made Simple

Easily manage all applications from one unified interface with complete control. Remotely enable, disable, install, or update apps across multiple panels in just a few clicks. Share important notifications instantly without disrupting ongoing classes to ensure a smooth and uninterrupted learning experience

Account Management System (AMS)

Authorized User Access Management

Ensure authorized and secure access for every user with robust Account Management System. It provides seamless login, personalized settings and controlled user management offering a secure and tailored experience across the IFPD environment



PRODUCT SPECIFICATION

MODEL		LT-IR75CX	LT-IR86CX
Display	Size	75 Inch	86 Inch
	Panel Type	VA	IPS
	Back Light Unit	DLED	DLED
	Response Time	6.5ms	6.5ms
	Aspect Ratio	16:09	16:09
	Display Area(HxV)	1650.24(H)×928.26(V)mm	1895.04(H)×1065.96(V)mm
	Pixel Pitch	0.42975×0.42975mm	0.4935×0.4935mm
	Resolution	3840(H)×2160(V)	3840×2160
	Refreshing Frequency	60Hz	60Hz
	Display Color	1.07B	1.07B
	Bit Rate	10 bit	10 bit
	NTSC Gamut	72%	72%
	Contrast Ratio	5000:1	5500:1
	Viewing Angle	178°(H/V)	178°(H/V)
	Brightness with glass(min)	400 cd/m ²	400 cd/m ²
	Brightness with glass(typ)	450 cd/m ²	450 cd/m ²
	Life Time	≥50000 Hours	≥50000 Hours
Operating System	System Version	Android 14.0	Android 14.0
	RAM	16 GB	16 GB
	ROM	256 GB	256 GB
	CPU	Octa Core A72×4+A53×4	Octa Core A72×4+A53×4
	GPU	Mali G52 MC3	Mali G52 MC3
Touch System	Sensing Type	Infrared recognition	Infrared recognition
	Touch Recognition	Passive stylus	Passive stylus
	Response Time	≤2.5ms	≤2.5ms
	Accuracy	±1mm	±1mm
	Touch Point	50	50
	Writing Point	20	20
	Minimum object Size	2mm	2mm
	Writing Height	≤2mm	≤2mm
	Palm Rejection	Support	Support
	Pressure	Passive stylus pressure sensitivity	Passive stylus pressure sensitivity
	Interpolation resolution	32768(W)×32768(D)	32768(W)×32768(D)
Supporting OS	Windows 11, 10, 8 & 7/Android/Linux/Mac OS X/Chrome		
Audio	Audio Output	2	2
	Output Power	2x20W +1x20W (Subwoofer)	2x20W + 1x20W (Subwoofer)
	Sound Pressure level	89dBSPL	89dBSPL
Microphone	Quantity	8	8
	Pickup Distance	0~8m	0~8m
Camera	Quantity	1	1
	Pixel	50MP	50MP
	Position	Middle of the top border	Middle of the top border
Power	Power Supply	100-240V~50/60Hz 4.0A	100-240V~50/60Hz 4.0A
	Power Consumption (Typ/Max)	210W/335W	245W/400W
	Standby Power	≤0.5W	≤0.5W
I/O Interface	HDMI IN	3	3
	HDMI OUT	1	1
	USB 2.0	1	1
	USB Type-C IN	2	2
	USB 3.0	4	4
	TOUCH 3.0	2	2
	VGA IN	1	1
	DP IN	1	1
	AUDIO IN	1	1
	AUDIO OUT	1	1
	SPDIF	1	1
	RS232	1	1
	RJ45 IN	1	1
	RJ45 OUT	1	1
	TF Card	1	1
	NFC	1	1
	Wi-Fi	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Bluetooth	BT 5.3	BT 5.3	
Physical Specifications	Product Dimension (L×H×D)	1709×1039×98 mm	1957×1171×97mm
	Package Dimension (L×W×H)	1863×225×1163mm	2110×225×1304mm
	VESA	800×400mm	800×600mm
	Gross Weight	56.25 Kg	69.85kg
Accessories	Power Cord	1	1
	HDMI Cable	1	1
	USB Touch Cable (Type A-B)	1	1
	Remote Control	1	1
	Wall Mount Bracket	1	1
	Writing Pen/Stylus	1 Pair	1 Pair
Wireless Module	1	1	
Environmental Conditions	Operation Temperature	0°C- 40°C	0°C- 40°C
	Operation Humidity	10% - 90%RH	10% - 90%RH
	Storage Temperature	-20°C- 60°C	-20°C- 60°C
	Storage Humidity	10% - 90%RH	10% - 90%RH
Optional PC Module	PC Module	OPS	OPS

** Images used are for illustration purposes only

LOGIC[®]

EMPOWERING DIGITAL TRANSFORMATION



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