

# Teachmint X



# Teachmint X 86 Neo

*Big Vision for  
Big Classrooms*



Ultra-clear  
4K UHD Display  
Resolution



AI-Powered 48MP  
4K Camera



3.2mm Toughened  
Glass for durability  
with 9H Hardness



Multiple ports for  
HDMI, USB-C, LAN,  
& audio connectivity



Clear, immersive  
audio with 2x20W  
Front-Facing Speakers



Smooth Writing,  
Pure Precision with  
Zero Lag IR Touch



40 points touch,  
≤5ms response



Secure teacher  
login with  
NFC cards



Android 14  
+ Google EDLA  
Certified



EduAI - Smart &  
Intelligent personal  
teaching assistant

## Hardware Specification

Model No.	Teachmint X 86 Neo
Screen Size - Aspect Ratio	16:9
2.17m (86")	
Maximum resolution	3840 x 2160 (pixels)
Response Time	≤ 5 ms
Contrast Ratio	Typ:1200:1
Brightness	450 nits
Display Colors	1.07 Billion (10-bit)
Lifespan	50,000 hours
Backlight Type	D-LED edge Type
System	
Operating System	Android 14.0 EDLA
RAM/ROM	8GB RAM / 128GB ROM
CPU	Octa Core   RK3576 (4* ARM Cortex A72 @ 2.2 GHz + 4* ARM Cortex A53 @ 2 GHz)
GPU	Mali-G52 MC3
Camera	Auto-focus 48 MP 4K UHD Quality Video; AI camera with sound localization and intelligent framing
Mic	8-Array Mic
Security	NFC Integration for quick & secure teacher login
Surface Protection	3.2mm Toughened Glass   9H Hardness
Refreshing Frequency	60Hz
Housing Material & Color	Aluminum Alloy, Silver Grey
Maximum Power Consumption without OPS	340W / 380W / 460W
Audio Output Power	2x20W/8Ω Speakers + 20W Sub-Woofer

Education Partner

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Wi-Fi Standard	Dual Band (2.4GHz/5GHz, 802.11a/b/g/n/ac)
Bluetooth	Bluetooth 5.0
Connectivity Ports	HDMI, USB 3.0, USB 2.0, USB-C, Touch-USB, LAN, Mic In, Audio Out
AI Features	EduAI-Powered Features
NFC Card	Instant and secure teacher login with a simple tap of the NFC card
Accessories	Remote, Touch Pens (2N), 3M Power Cord, USB A-B Cable, HDMI Cable, NFC Cards (5N), Microfiber Cloth, Wall Mount Kit

## Software Specification

<b>Device-Level Capabilities</b>	Google Suite & Microsoft Office Integration Smart Device Connectivity – Effortless pairing with smart devices Wireless Casting & Screen Sharing Powered by Android 14 with full support for meeting, productivity, & educational apps Connected Classroom App
<b>Operating System</b>	Authentic Android 14 – Latest features and enhanced security
<b>Enhanced Security</b>	Google Play Protect
<b>Official Google Services</b>	Chrome, YouTube, Gmail, Play Store, Settings, Docs, Slides, Sheets, Chat, Drive, Meet, and Calendar
<b>Teaching Software - Whiteboard</b>	Class prep with EduAI: Create whiteboards, presentations, or PDFs effortlessly NFC-Based Login for Secure Access Attendance Management - Take Student Attendance (Remote & In-Class) Import Documents & Multimedia into Lessons AI Quick Quiz Creator with detailed explanation Live Class Feature for Virtual/Hybrid Learning Screen Share on Live Class Live Chat & Polling During Class. Online Collaboration with Students, with Access Control Options. Class Lecture Recording, Publishing for Students & Class Summarizer. Multiple types of Pens with Color Customization Stylus Customization: Write, Erase, Select, and Highlight Options Single & Multi-Touch Writing Capabilities Drag & Drop Multimedia (Images, Videos, Text) Palm Erase Feature Smart Search with EduAI Text-to-Speech AI on Whiteboard Smart Shape Recognition 2D & 3D Shape Tools with Measurements Create and share assignments and tests with analytics and insights Lesson Sharing via QR Code, WhatsApp, or Email Test & Homework Viewing Offline Mode for Continued Learning Customizable Background Themes NCERT-Aligned Content STEM Tools - Math Tools, Physics/Chemistry Simulations

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The Polaris International School



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**Manila:**  
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Scan for Setup & Support

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