



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*

Education Partner

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THINK BEYOND

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

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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

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

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