



# 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)

Typical Backlight Lifetime

60,000 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

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>	<p>Google Suite &amp; Microsoft Office Integration</p> <p>Smart Device Connectivity – Effortless pairing with smart devices</p> <p>Wireless Casting &amp; Screen Sharing</p> <p>Powered by Android 14 with full support for meeting, productivity, &amp; educational apps</p> <p>Connected Classroom App</p>
----------------------------------	--

<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>	<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 &amp; In-Class)</p> <p>Import Documents &amp; 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 &amp; Polling During Class.</p> <p>Online Collaboration with Students, with Access Control Options.</p> <p>Class Lecture Recording, Publishing for Students &amp; Class Summarizer.</p> <p>Multiple types of Pens with Color Customization</p> <p>Stylus Customization: Write, Erase, Select, and Highlight Options</p> <p>Single &amp; Multi-Touch Writing Capabilities</p> <p>Drag &amp; 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 &amp; 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 &amp; 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>
---------------------------------------	--

# Celebrating our collaboration with prestigious educational institutions



Indian Institute of Technology  
Delhi



Indian Institute of Technology  
Madras



Indian Institute of Technology  
Dhanbad



Indian Institute of Technology  
Hyderabad



Sona College of Technology  
Salem



R.V. College of Engineering  
Bengaluru



ATLAS SkillTech University  
Mumbai



Stella Mary's College Of Engineering  
Kanyakumari



King George's Medical University  
Lucknow



St. Joseph's College  
Prayagraj



Loreto Convent  
Darjeeling



Hebron School  
Ooty



Green Valley Educational Institute  
Srinagar



South Point High School  
Kolkata



Sanskriti -The Gurukul  
Guwahati



Maharani Gayatri Devi Girls' School  
Jaipur



Delhi Public School  
Pune



Delhi Public School  
Ahmedabad



Stepping Stones High School  
Aurangabad



**Delhi Public School**  
Karnal (Haryana)

Delhi Public School  
Karnal



The Polaris International School  
Hoskote



Career Point  
Solapur

## Certified & Trusted for Education



### Pan India delivery & service

Seamless start, complimentary  
expert guidance



### 365-day customer support

Uninterrupted support,  
every single day



### 3 year on-site warranty

Ensuring peace of mind  
with every purchase

**Bengaluru:**  
5th Floor, North Wing, SJR The Hub,  
Sarjapur Main Road, Bengaluru - 560103,  
Karnataka, India

**Singapore:**  
4 Battery Road, No. 25-01,  
Bank of China Building,  
Singapore - 049908

**Manila:**  
11th Floor, Insular Life Building,  
6781 Ayala Avenue, Corner Paseo de Roxas,  
Makati, Metro Manila, Philippines



Scan for Setup & Support

support@teachmint.com | 080-35073710