



# Teachmint X 98 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 2x16W  
Front-Facing Speakers  
+ 20W Sub-Woofer*



*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

**arked**  
THINK BEYOND

## Hardware Specification

### Model No.

**Teachmint X 98 Neo**

Screen Size - Aspect Ratio 16:9

2.47m (98")

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

480W

Audio Output Power

2x16W/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

<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>	<p>Chrome, YouTube, Gmail, Play Store, Settings, Docs, Slides, Sheets, Chat, Drive, Meet, and Calendar</p> <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>
<b>Teaching Software - Whiteboard</b>	

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