

Teachmint X

98 PB Series

Big Vision for Big Classrooms

- RK 3576 Octa Core Processor
- AI-Powered 48MP 4K Camera
- Connected Classroom App
- Vision X: Classroom Monitoring System
- 2×20W Speakers and 4K UHD Display
- Smooth Writing, Zero Lag IR Touch
- Neural Processing Unit for AI tasks
- Secure teacher login with NFC cards
- Android 16 Google EDLA Certified
- EduAI - Personal Teaching Assistant

Hardware Specification

Model No.	**Teachmint X 98 PB Series**
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)
Typical Backlight Lifetime	60,000 hours
Backlight Type	D-LED edge Type
Product Size (W x D x H)	2230.8mm x121.7mm x1356.4mm
Net Weight	110 kg
System	
Operating System	Android 16.0 EDLA
RAM/ROM	8GB RAM / 128GB ROM
CPU	Octa Core | RK3576 (4* ARM Cortex A72 @ 2.2 GHz + 4* ARM Cortex A53 @ 2 GHz)
NPU	Onboard AI (6.0 TOPS)
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/4Ω Sub-Woofer

Wi-Fi Standard	Dual Band (2.4GHz/5GHz, 802.11a/b/g/n/ac), Dual Wi-Fi
Bluetooth	Bluetooth 5.1
Connectivity Ports	HDMI-In, HDMI-Out, USB 3.0, USB 2.0, USB-C, Touch-USB, LAN, Mic In, Audio Out, SPDIF, RS232
AI Features	EduAI-Powered Features
NFC Card	Instant and secure teacher login with a simple tap of the NFC card
Accessories	IIP (1N), Remote Control (1N), Stylus (2N), NFC Cards (5N), Power Cord (1N), User Manual (1N), Installation Docs (3N), Warranty Card (1N), HDMI Cable (1N), Touch USB Cable (1N), Wall Mount Kit (1N), Microfiber Cloth (1N)

Software Specification

Device-Level Capabilities	Google Suite & Microsoft Office Integration Smart Device Connectivity – Effortless pairing with smart devices Wireless Casting & Screen Sharing Powered by Android 16 with full support for meeting, productivity, & educational apps Connected Classroom App
Operating System	Authentic Android 16 – 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
Classroom Monitoring System: Vision X	Live Classroom Feeds for Admins Classroom audio and screen share Broadcast and alerts Privacy & Security with zero dependency on cloud
Teaching Software - Whiteboard	Class prep with EduAI: Create whiteboards, presentations, or PDFs effortlessly NFC-Based Login for Secure Access Attendance Management / AI-Powered Smart Attendance with AI face recognition Import Documents & Multimedia into Lessons AI Quiz & Homework generator 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 Voice to Text and 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 and State Board aligned Content STEM Suite & Educational Games - Visualize graphs, simulations, 3D models, circuits & educational games Multilingual AI Pen with 90+ languages Maths and Physics Solver

Teachmint X

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

Lovely Professional University
Jalandhar

City montessori school
Lucknow

Delhi Public School Megacity
Kolkata

Delhi Public School
Pune

Vellore Institute of Technology
Vellore

G. D. Goenka World School
Sohna

JVM Shyamali
Ranchi

Don Bosco School
Siliguri

ATLAS SkillTech University
Mumbai

Bhashyam Group of Schools
AP & Telangana

Maharani Gayatri Devi Girls' School
Jaipur

St. Mary's School
Muzaffarpur

South Point High School
Kolkata

Shrewsbury International School
Bhopal

Malla Reddy University
Hyderabad

SRM Welkin Higher Secondary School
Sopore

Rama University
Kanpur

KIIT
Bhubaneswar

Bansal Group of Institutes
Bhopal

Orchids International Schools
Bangalore

IILM University
Delhi

Little Flower School
Gorakhpur

Sanskriti -The Gurukul
Guwahati

Zeal Education Society
Pune

RV College of Engineering
Bangalore

40000+
Classrooms

500+ Districts
with active installations

10+
Countries

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:
1 North Bridge Road,
#19-08 High Street Centre,
Singapore - 179094

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

Dubai:
Office # 431, 4th Floor,
Building A3, Dubai South

Scan for Setup & Support

*Terms and conditions apply.

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