



Teachmint X

75 PB Series

The Brilliantly
Balanced Powerhouse



RK 3576 Octa
Core Processor



AI-Powered 48MP
4K Camera



Connected
Classroom App



Vision X: Classroom
Monitoring System



2x20W 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 75 PB Series
Screen Size - Aspect Ratio 16:9	1.89m (75")
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)	1705mm X 107mm X 1055mm
Net Weight	54 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	380W
Audio Output Power	2x20W/6Ω 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



J.V.M. 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,
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Singapore - 179094

Manila:

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Makati, Metro Manila, Philippines

Dubai:

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Building A3, Dubai South



Scan for Setup & Support

*Terms and conditions apply.

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