



Qtenboard Nano Smart Whiteboard adopts built-in AI to assist daily teaching efficiently. It provides full subject toolkits and supports real-time annotation on all software interfaces. Featuring sensitive capacitive touch, it delivers smooth and precise operation. The gap-free design enables seamless screen and blackboard transition with full-screen writing. Rich teaching resources help teachers create vivid, interactive and high-quality classrooms effortlessly

Nano Smart Blackboard

Optional Accessories



OPS



Audio



Podium



Microphone



Video Booth



Remote Control



Nano Blackboard Combo



Nano Smart Blackboard
Single Unit

AI

AI Intelligent Function
Real-time Translation & Meeting Minutes
Smart Q&A & Built-in AI Assistant



Capacitive touch with
more than 50 points



Multi-Subject
Teaching Resources



Stable Built-in
Android System



Compatible With
External Windows System



Supports
13.56MHz Band



Dual Band Wi-Fi
Connection



Premium Built-in
Speakers



Bluetooth 5.0/6.0
Module



Ultra 4K Display
Screen

ISO 9001 • ISO 14001 • ISO 27001 • ISO 45001 • CE • FCC • CB • RoHS • COO • ANATEL

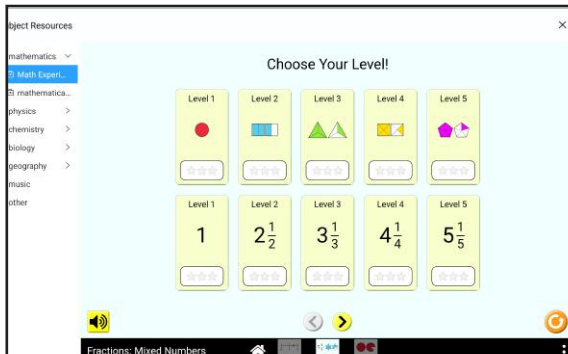
ODM

OEM

CKD

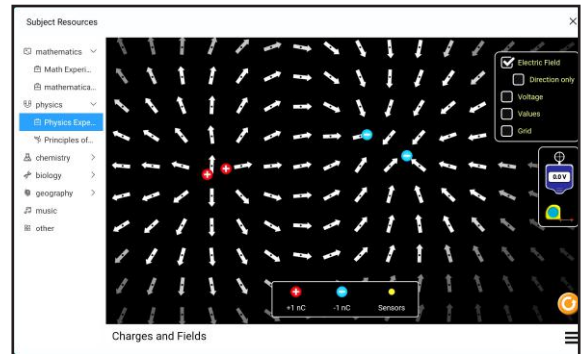
SKD

Dedicated Subject Functions



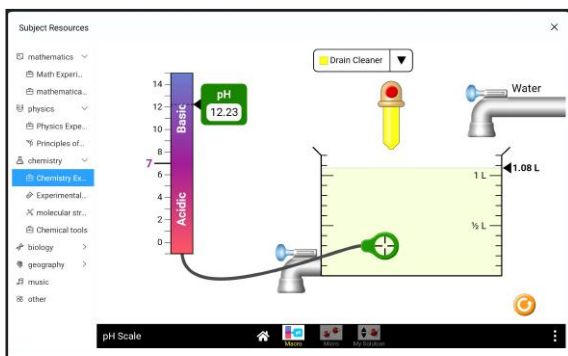
Mathematics

Math module sync-renders dynamic graphs updating instantly with input numeric values



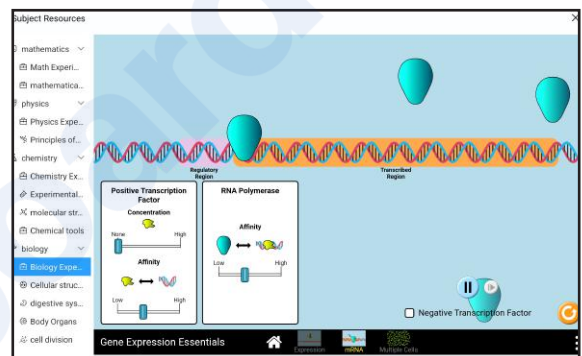
Physics

Physics module features 2D visuals strictly obeying natural physical laws in real daily scenes



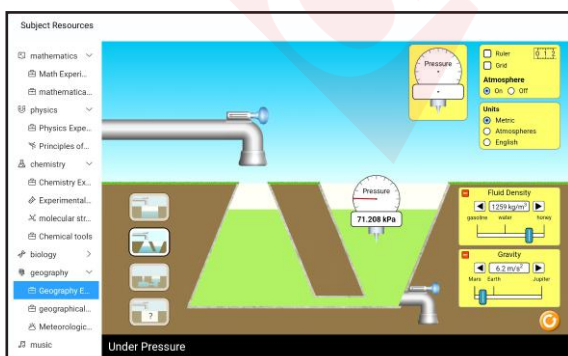
Chemistry

Chemistry module is 2D simulations visualize authentic chemical reaction flows for learning



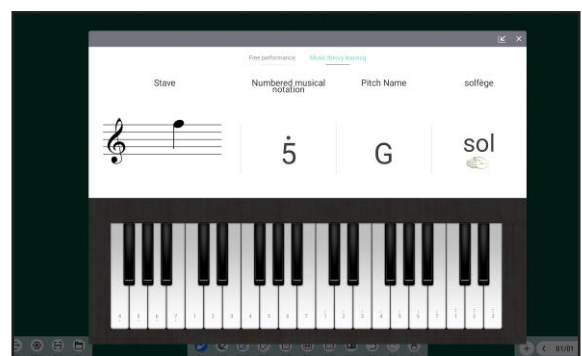
Biology

Biology module creates dynamic cell visuals with accurate internal cross-section structures



Geography

Geography module offers 2D earth maps and lively animations showing natural water flow across landscapes



Other

Subject modules offer vivid visuals spanning diverse fields for simple fast efficient knowledge absorption now

Detailed Parameters

Display Parameters					
Model		QM-HB75NM	QM-HB85NM	QM-HB86NM	QM-HB98NM
Size		75 inch	85 inch	86 inch	98 inch
Resolution		3840 x 2160			
Proportion		16 : 9			
Brightness		>350cd/m ² (typ.)			
Screen Contrast		4000 : 1			
Response Time		≤8ms (typ.)			
Refresh Rate		60Hz			
Life Time		>30,000 hrs			
Chromaticity		1.07B			
HDR		Support			
Touch Parameters					
Touch Technology		Capacitance			
Input		Finger Or Capacitive Pen			
Maximum Number Of Output Points		20 Points			
Touch Accuracy		≤2mm, Touch Accuracy			
Response Time		≤6ms			
System Parameters					
Motherboard (optional)		3576 / 9679 / 3588			
Android Version		Android 14.0/16.0			
GPU		Mali-G52*4			
(RAM)		4 / 8 GB			
(ROM)		32 / 128 GB			
Windows OPS		Windows 10 / 11 / Pro			
CPU		Intel Core i3 / i5 / i7			
RAM+SSD		8+256G / 16+512G			
Connectivity & AV Accessories					
Wireless & Wired Network		Wired LAN: 10 / 100 Mbps Dual-band Wi-Fi with AP hotspot, 2.4G+5GHz, effective distance 0-12m			
Bluetooth		Bluetooth 5.0, 2.4GHz, effective distance 0-12m			
Camera & Microphone (Optional)		48MP top-middle camera FOV: Diagonal 78° / Horizontal 63° / Vertical 49° ≥4 microphone arrays , voice pickup 0-8m			
Document Camera (Optional)		Support built-in document camera , USB2.0 Size: 437.9 × 75.5 × 274 mm			
Indicators & Buttons		Front red / blue indicator light 7 buttons + recessed audio jack			
I/O Terminals					
Location	Interface	Quantity			
Front	USB 3.0	2			
	Type-C	1			
	Touch USB	1			
	HDMI IN	1			
Rear	COAXIAL Out	1			
	RS232	1			
	USB 2.0	1			
	USB 3.0	1			
	Touch USB	1			
	TF Card Slot	1			
	LAN IN	1			
	MIC IN	1			
	HDMI IN	1 (Optional 2PCS)			
	PC Audio IN	1 (Optional)			
	LAN OUT	1 (Optional)			
	DP	1 (Optional)			
	HDMI OUT	1 (Optional)			
	VGA	1 (Optional)			
	2.1 Channel Audio Out	1 (Optional)			
Environmental Factors					
Operating Temperature		0°C ~ 40°C			
Operating Humidity		10% ~ 85% RH, non-condensing			
Storage Temperature		-20°C ~ 60°C			
Storage Humidity		10% ~ 90% RH, non-condensing			



HEADQUARTERS ADDRESS

Address: 6th Floor, Building A, No. 3, North District,
Shangxue Technology Park, Bantian Street, Longgang
District, Shenzhen



Mobile / WhatsApp / Telegram / Wechat
0086-18124713748



E-mail: info@qtenboard.com