Qtenboard




Qtenboard interactive flat panel builds in smart AI to assist users efficiently. Equipped with full subject tools for classroom white-board lessons, it supports instant real-time marking across all software interfaces. Clear touch control, multi-subject resources and handy annotation let teachers deliver vivid, smooth interactive teaching every day.

# Interactive Flat Panel



Standard Bracket



Y-Shaped Bracket

## AI

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

Multi-Subject
Teaching Resources

50+Point
Touch Screen

Stable Built-in
Android System

Compatible With
External Windows System

Supports
13.56MHz Band

Dual Band Wi-Fi
Connection

Premium Built-in
Speakers

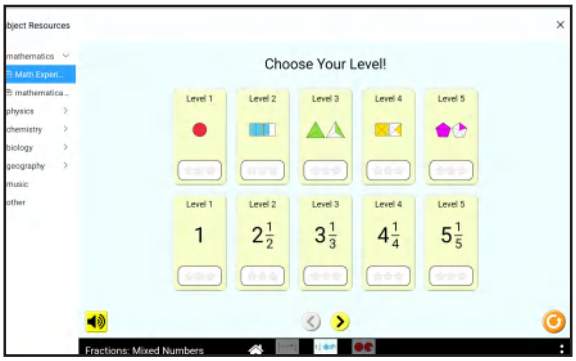
Bluetooth 5.0/6.0
Module

Ultra 4K Display
Screen

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

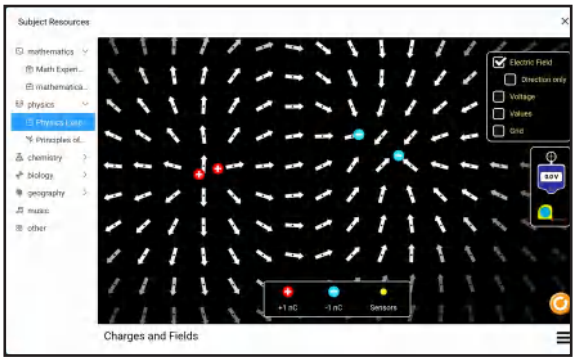
**ODM** **OEM** **CKD** **SKD**

# Dedicated Subject Functions



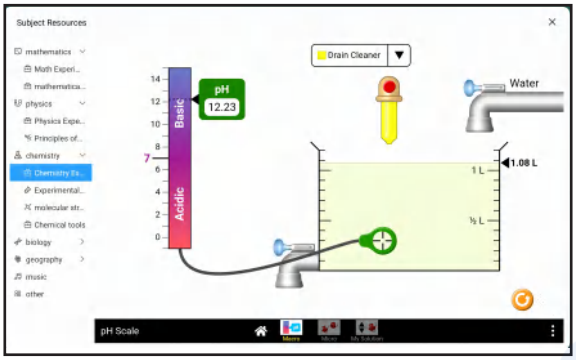

## Mathematics

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



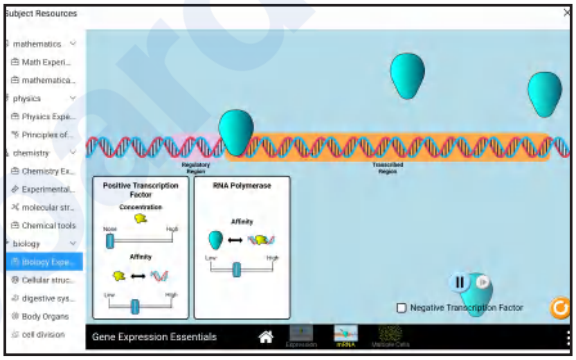

## Physics

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



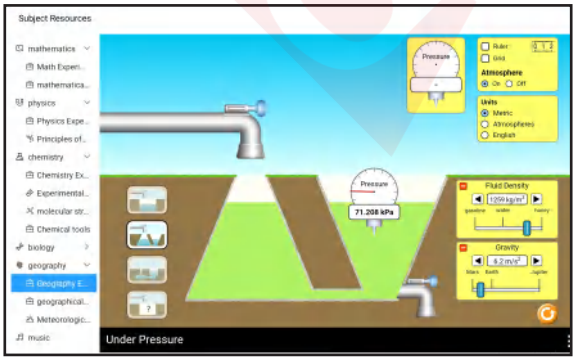

## Chemistry

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



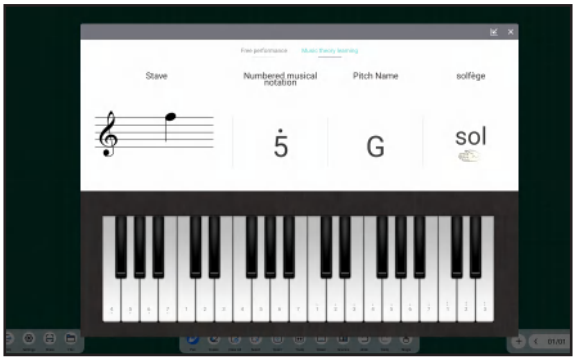

## Biology

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

Qenboard

# Detailed Parameters

| Model No | QM-65HY | QM-75HY | QM-86HY | QM-98HY | QM-110HY |
|---|---|---|---|---|---|
| **LCD Specifications** | | | | | |
| LCD Size | 65" | 75" | 86" | 98" | 110" |
| Brightness | 350cd/m² | 400cd/m² | 450cd/m² | | 500cd/m² |
| Contrast Ratio | 4000:1 | | | | |
| Color Depth | 16.7M(8bit) | | | | |
| Response Time | 6ms | | | | |
| Visual Angle | 178°(H) / 178°(V) | | | | |
| LCD Life | 60,000 hrs | | | | |
| **Android Specifications** | | | | | |
| CPU | A76*4+A55*4 | | | | |
| GPU | Mali-G610MP4 | | | | |
| Android OS | Android 15.0 | | | | |
| RAM+ROM | 8+128G/16+256G | | | | |
| WIFI | WIFI 6 | | | | |
| Bluetooth | 5.4 | | | | |
| RJ45 | 10/100/1000M | | | | |
| Video Format | MPEG2-4, H.264, H.265, TS, etc | | | | |
| Picture Format | JPG, JPEG, BMP, PNG etc | | | | |
| System Security | Support USB/ HDMI/ Screen/ Pattern/ APK Install Lock | | | | |
| Wireless Projection | Support Photool, EShare, USB Display | | | | |
| Remarks Function | Support all Channel Remarks | | | | |
| OS Language | English/ French/ Spanish/ Russian etc. | | | | |
| **Interface (Standard Specs Interface)** | | | | | |
| LINE IN | *1 | | | | |
| LINE OUT | *1 | | | | |
| RJ45 | *2 | | | | |
| USB 3.0 | *2 | | | | |
| TYPE C/TF Card | *1 | | | | |
| HDMI OUT | *1 | | | | |
| HDMI IN | *2 | | | | |
| Type-B OUT | *2 | | | | |
| RS232 | *1 | | | | |
| SPDIF OUT | *1 | | | | |
| VGA LINE-IN | *1 | | | | |
| VGA | *1 | | | | |
| DP | *1 | | | | |
| TYPE C | *1 | | | | |
| **Front Side Interface** | | | | | |
| TYPE C ( USB 2.0) | *1 | | | | |
| HDMI IN | *1 | | | | |
| TOUCH OUT (USB 2.0) | *1 | | | | |
| USB 3.0 | *3 | | | | |
| **Touch Screen Specs** | | | | | |
| Touch Type | Infrared Touch + Zero Gap Bonding | | | | |
| Touch Point | 20 / 40 / 50 / 100 Point | | | | |
| Touch Height | 1mm | | | | |
| **Camera** | | | | | |
| Built in Camera 48MP and 8 Array Mic | Optional | | | | |
| **Power** | | | | | |
| Speaker | 15W*2 | | | | |
| Standby Power | ≤0.5W | | | | |
| Power Supply | AC100V-240V, 50-60 Hz | | | | |
| Power Consumption (Not Include OPS) | ≤200W | ≤320W | ≤410W | | ≤635W |
| **Working Temperature** | | | | | |
| Working Temperature | 0°C~40°C | | | | |
| Working Humidity | 20%~85%（No Condensation） | | | | |
| Storage Temperature | -10°C~60°C | | | | |
| Storage Humidity | 10%~60%（No Condensation） | | | | |
| **Case Materials** | | | | | |
| Case Materials | Aluminium Frame + Tempering Glass + Metal Cover | | | | |
| Case Color | Black | | | | |
| **Standard Accessories** | | | | | |
| Remote Control | *1 | | | | |
| 1.5m Power Cable | *1 | | | | |
| Touch Pen | *1 | | | | |
| Wall Mount Bracket | *1 | | | | |
| Antenna | *3 | | | | |
| **Optional Accessories** | | | | | |
| Movable Stand | Different Models (Optional) | | | | |
| Smart Pen | Qty Optional | | | | |
| Wireless Projector | Qty Optional | | | | |
| Teacher's Pointer | Qty Optional | | | | |
| HDMI Cable | 3m/5m/10m (Optional) | | | | |
| USB Cable | 3m/5m/10m (Optional) | | | | |

# Detailed Parameters

| | | |
|---|---|---|
| Model No | QM-65HY, QM-75HY, QM-86HY, QM-98HY, QM-110HY | |
| LCD Size | 65" 75" 86" 98"110" | |
| CPU | A78*2 + A55*6 | |
| GPU | G57 MC2 | |
| CPU Clock Speed | 1.1GHz | |
| DDR4/RAM | Default 8GB, expandable up to 16GB | |
| eMMC/Flash | Default 128GB, expandable up to 512GB | |
| Android OS Version | 16.0 | |
| Kernel Version | 6.1 | |
| Main Chip | Chipset Main Chip | A78*2+A55*6 |
| Panel Configuration | Panel Type | LCD |
| | Panel Interface | 4K@60Hz V-BY-ONE/EDP |
| | Max Resolution | 3840x2160@60Hz |
| Video Input | HDMI | 3840x2160@60Hz |
| | HDMI Version | 1.4/2.0/2.1 |
| | HDCP Version | 1.4/2.2/2.3 |
| | DP | 480P/1080P/4K@60Hz |
| | DP Version | 1.2 |
| Video Output | HDMI | 480P/1080P/4K@60Hz |
| | HDMI Version | 1.4/2.2/2.3 |
| Audio Input | Analog Mic in Input Level | 0.1~1.0VRMS |
| Audio Output | Frequency Response | 100Hz~15K Hz @±3dB<br>(1KHz, -12dB reference signal) |
| | Max Output Power | Speaker: 2*15W/8 Ω Default: Max 20W;<br>Subwoofer: 2*10W/4 Ω Default: Max 20W |
| Power Supply Configuration | Working Voltage | 5V, 5VSTB, 12V, 18V |
| | Panel Driving Voltage | 12V |
| Power Management | Motherboard Standby Power Consumption | ≤0.3W(Board Only)<br>(without network wake-up) |
| Key Function | Supported Keys | Power, Home, Back, Menu,<br>Source, Vol-, Vol+, Mute |
| Note: The actual Android version and Kernel version of the product will change with system firmware upgrade. If you have any questions, please contact Qtenboard personnel for consultation. | | |


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