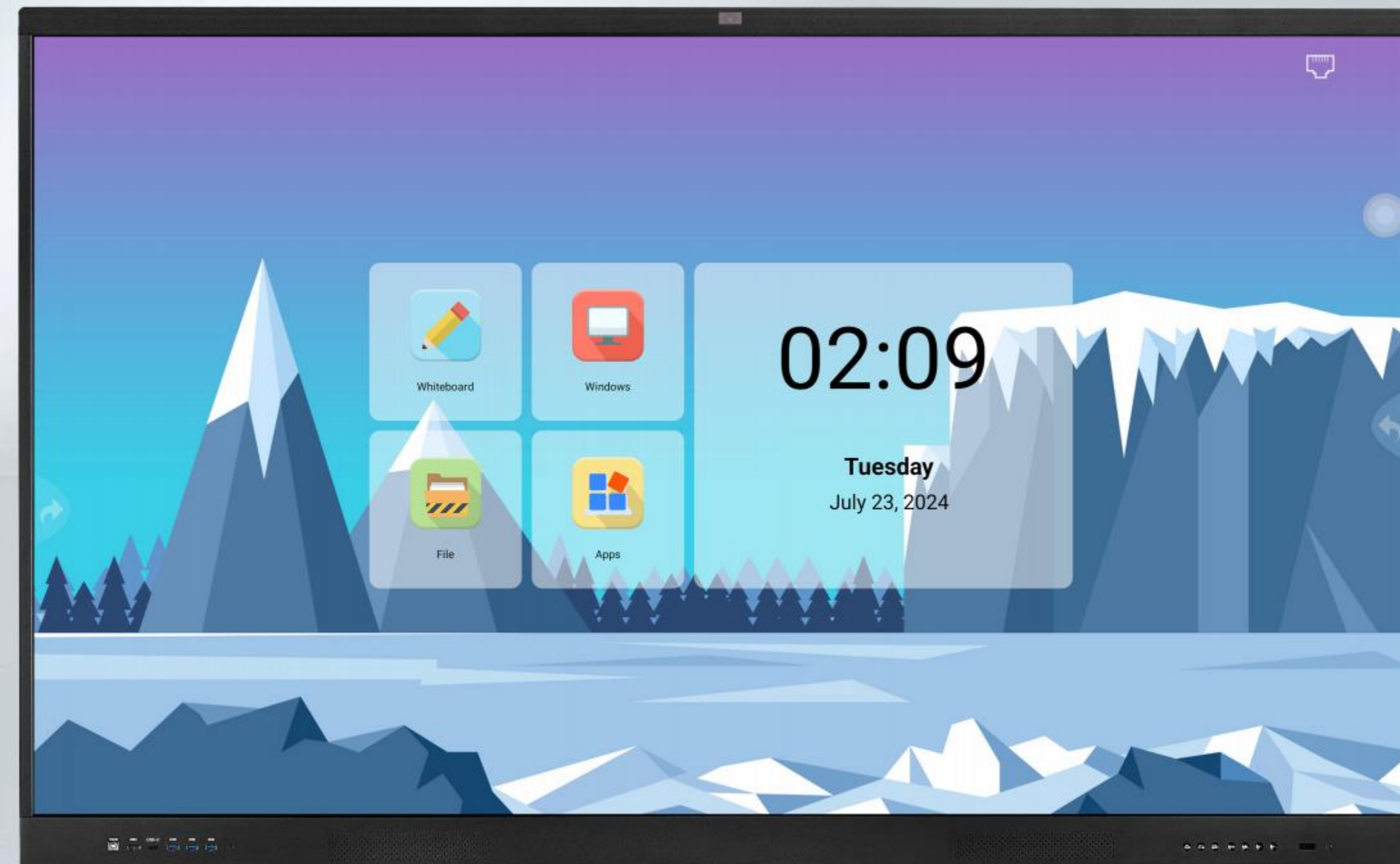# ADV100

Interactive Flat Panel Display

ADV100-Professional whiteboard experience

Experience seamless interactivity with our high-precision touchscreens and smart palm recognition on Riotouch displays, designed for both teaching and business presentations.

Riotouch ADV100 is an Entry level but cost-effective Interactive flat panel. The highlight advantages:
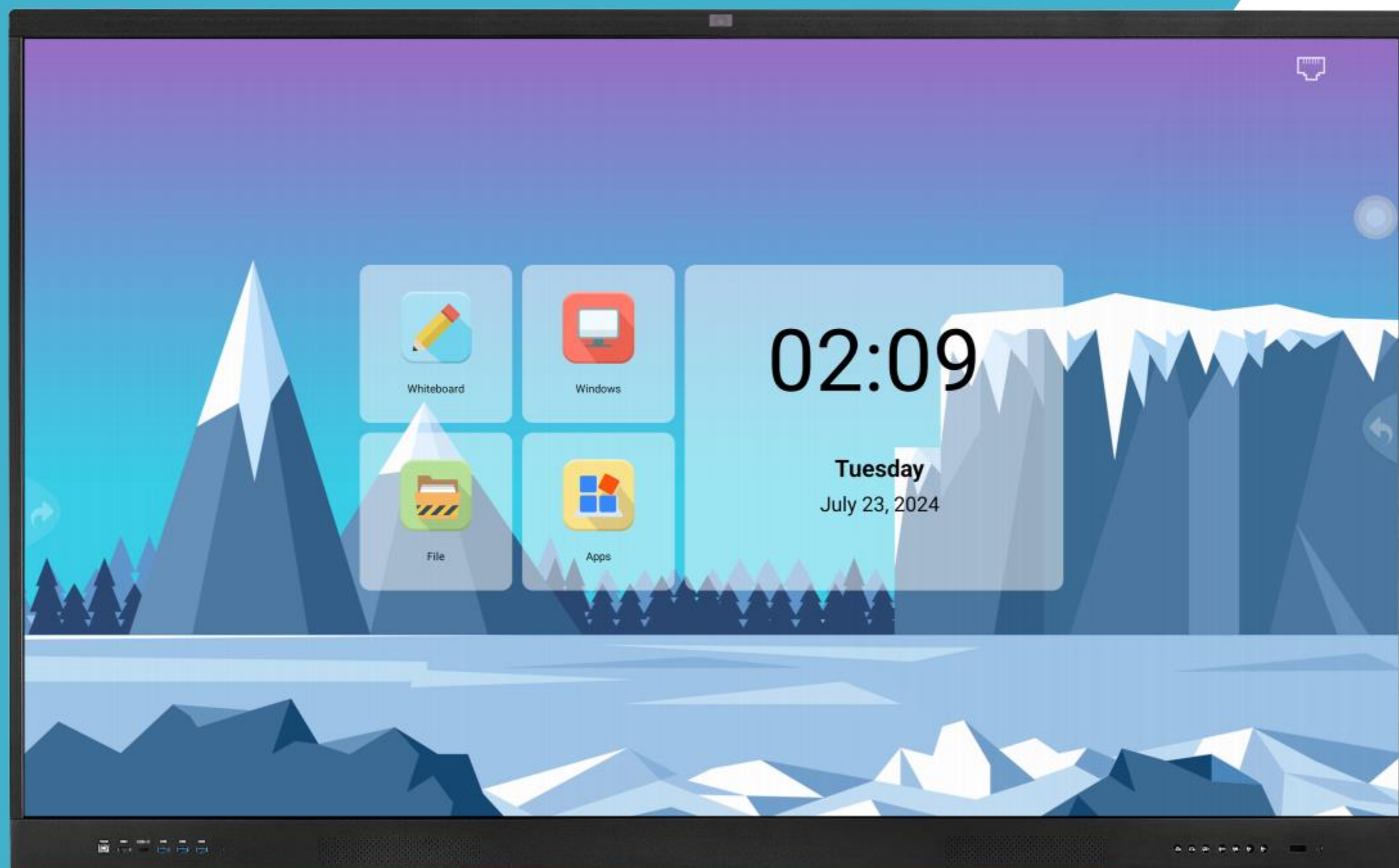
- Cost-effective: Integrated 8GB RAM and 128GB ROM android 14.0 OS.

- Dual pen IR touch: Automatically detects pen diameter (3mm & 8mm) and write simultaneously with different colors and thicknesses.

- All in one 4K UHD touch screen with IR multi-touch

- Multi-touch: 40 points touch in windows and 20 points touch in Android

- Smart Whiteboard Software: User-friendly, more efficient and creative.

- Collaborative Presentations: Real-time screen sharing between devices with wireless software

- Dual OS: OPS is option for the clients who want to use Windows.

Naturally Smooth Writing with Digital Accuracy

Write, annotate, and collaborate during presentations with a pen-on-paper feel. With dual-pen recognition to support group collaboration, and Ultra Fine Touch technology and 3mm tipped pens for lag-free digital precision, offers unparalleled writing accuracy with a natural flow.

3mm
Diameter Pen
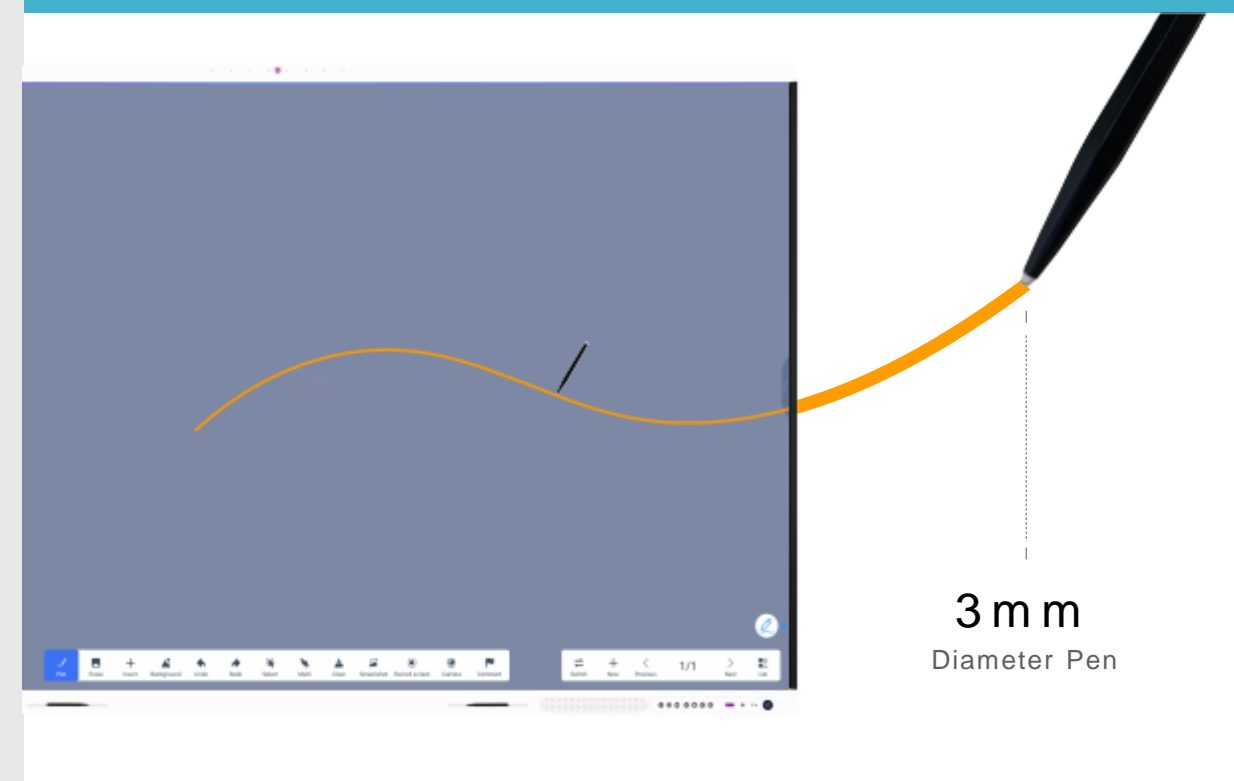
Palm Rejection

Palm recognition technology minimizes errant touch inputs from palms, wrists, sleeves, etc., so that users can write and annotate freely.

Touch

Up to 40 points of touch

4K HIGH-DEFINITION DISPLAY HEALTHY AND EYE PROTECTION

4K ultra-clear anti-glare display,data, video and other content can be clearly restored, The presentation report is wonderful, the screen hardness is scratch-resistant and the writing touc is smooth.
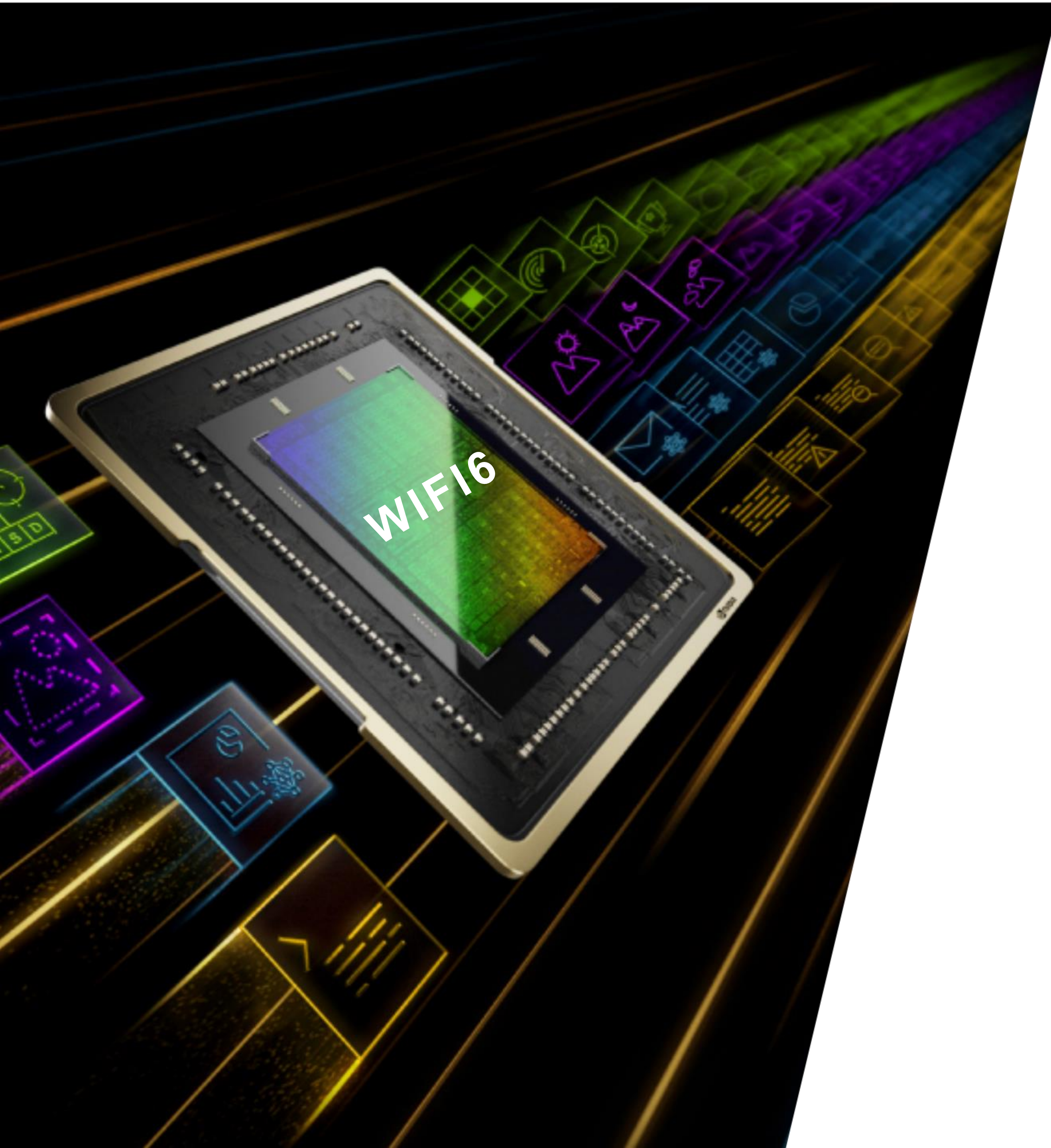
Anti-glare Reduce specularity

4K
3840*2160px

backlight life >50,000 hours

178°
Viewing angle 178°

High speed WIFI6

Super fast & stable wifi 6 offers speeds up to 1501Mbps(2.4GHz 300Mbps; 5GHz 1201Mbps), providing a faster and lower latency wireless network experience.

2.4GHz + 5GHz 1501Mbps

WIFI 6

5GHz 433Mbps

WIFI 5

4800W ultra clear built-in camera enables high-definition video conferencing

Auto focus, clear and delicate image quality, supports installation of main-stream remote conference software at home and abroad, quickly opens efficient remote conferences, 4K ultra clear display video conferences, real-time synchronized information transmission, allowing remote teams to chat naturally like face-to-face.
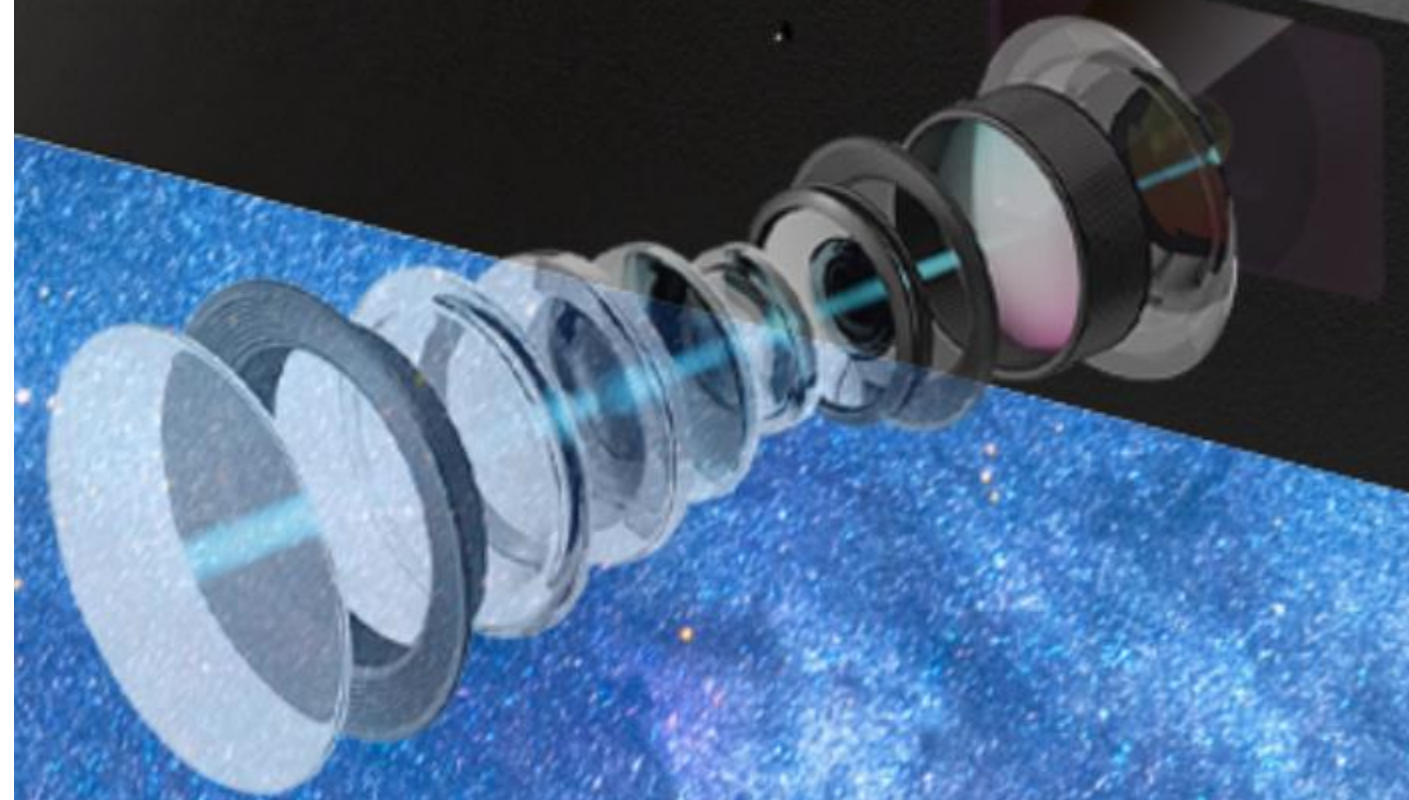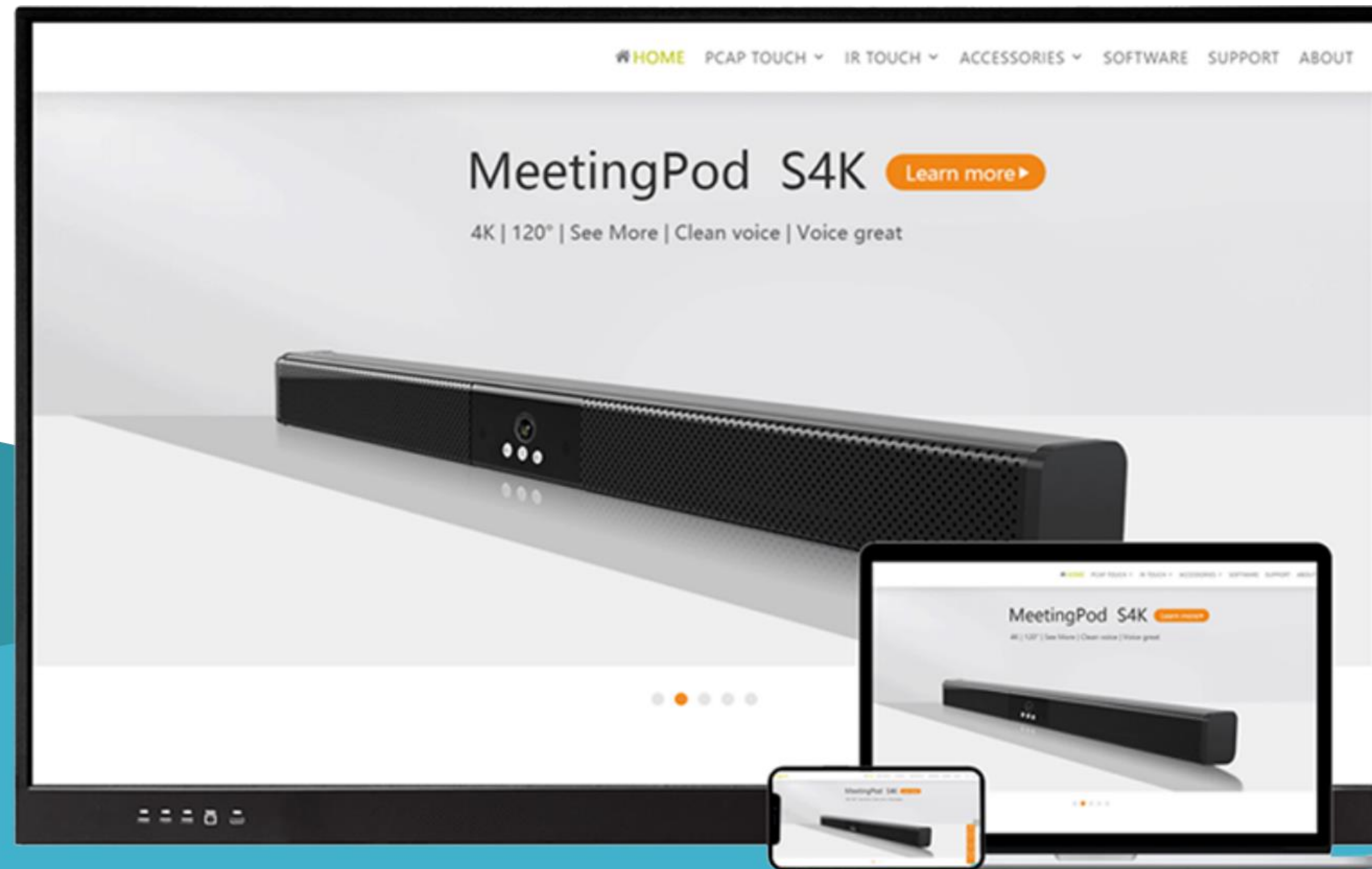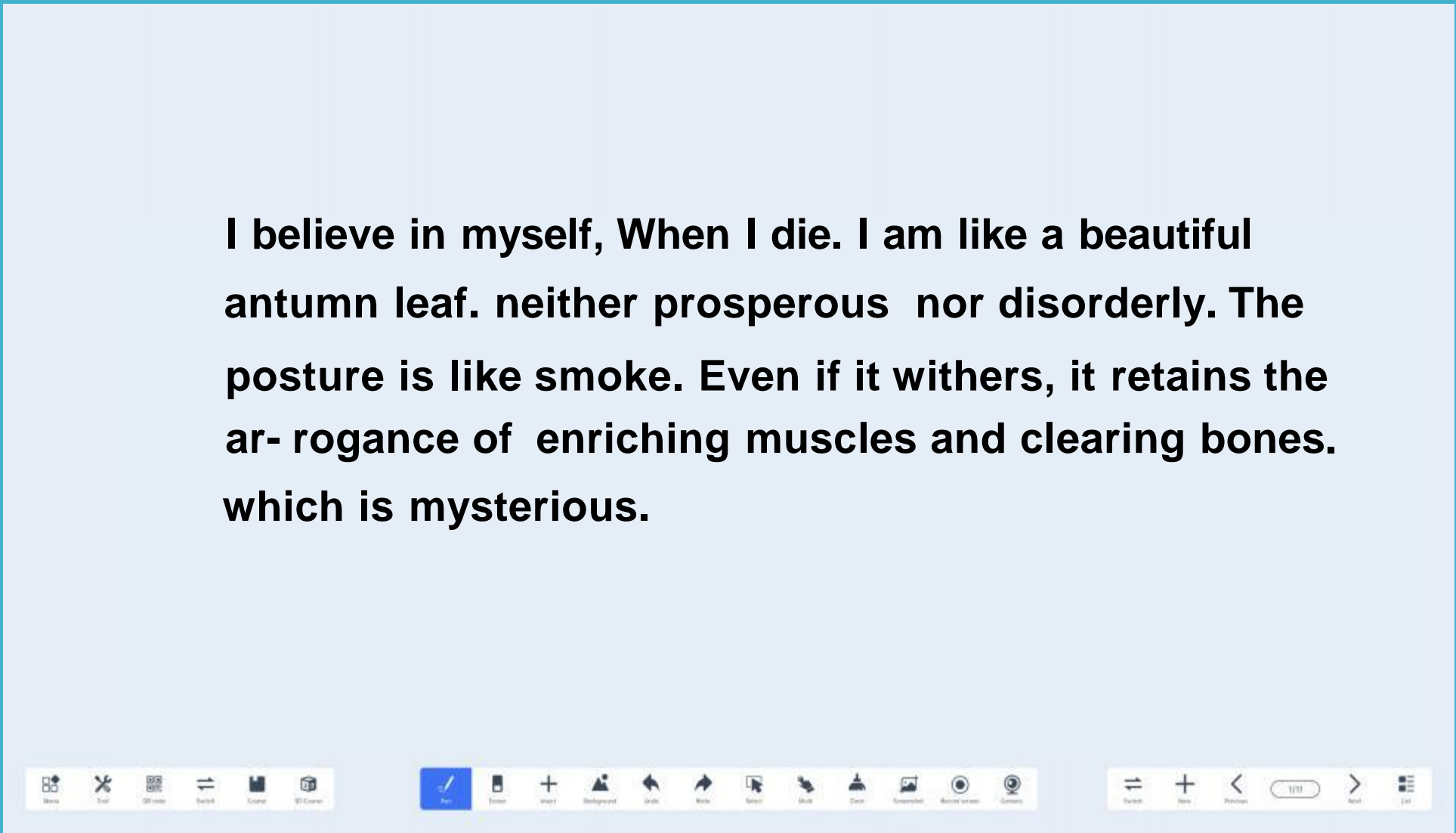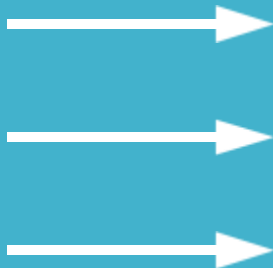
Dual OS System

Android ⇄ Windows10

Real Time Collaboration

Simple connection with all phones, tablets and computers

Transform Your Writing with Umind Advanced AI Pen

AI-powered pen tools, integrated into our Umind whiteboard software, offer unparalleled accuracy and intuitive functionality.

ABC → Ai → ABC

I believe in myself. When I die. I am like a beautiful antumn leaf. neither prosperous nor disorderly. The posture is like smoke. Even if it withers. it retains the arrogance of enriching muscles and clearing bones. which is mysterious.

I believe in myself, When I die. I am like a beautiful antumn leaf. neither prosperous nor disorderly. The posture is like smoke. Even if it withers, it retains the ar- rogance of enriching muscles and clearing bones. which is mysterious.

Transform Images into Actionable Insights

From Image to Insight

"Capture. Convert. Conquer."

"With ADV100, capturing an image is just the beginning. Convert it into text and conquer the information it holds. Whether it's documents, receipts, or notes, ADV100's OCR turns images into insights at your fingertips."
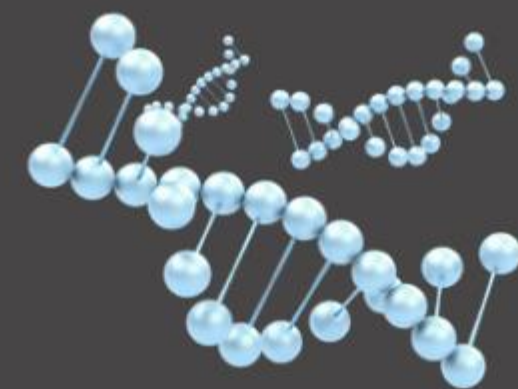
Import pictures

Image recognition

Object handling

Google search

ADV100: The Core of Your 3D Vision
Transform Ideas into Reality

Natural Sciences

Anatomy and Physiology
Geography and Earth Sciences
Chemistry and Molecular Structure
Biology and Ecology
Astronomy and Space Science
Physics and Mechanics
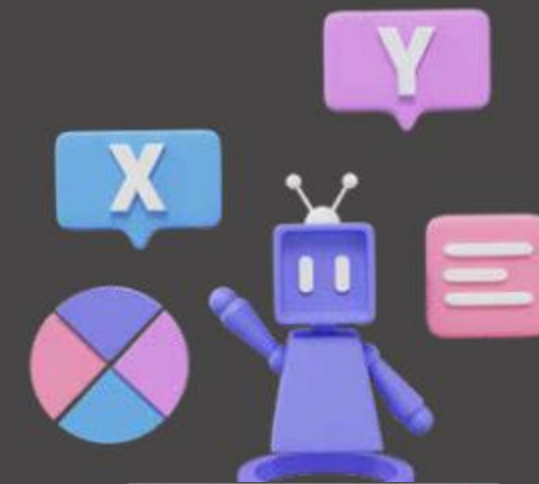
Engineering and Technology

Engineering and Robotics

Social Sciences
Environmental Science and Sustainability

Mathematics
Mathematics and Geometry

Arts
Art and Design

Empowering Education, Amplifying Insights

- Your gateway to a world of science and math

Quiz

Courseware Function-Ucourse
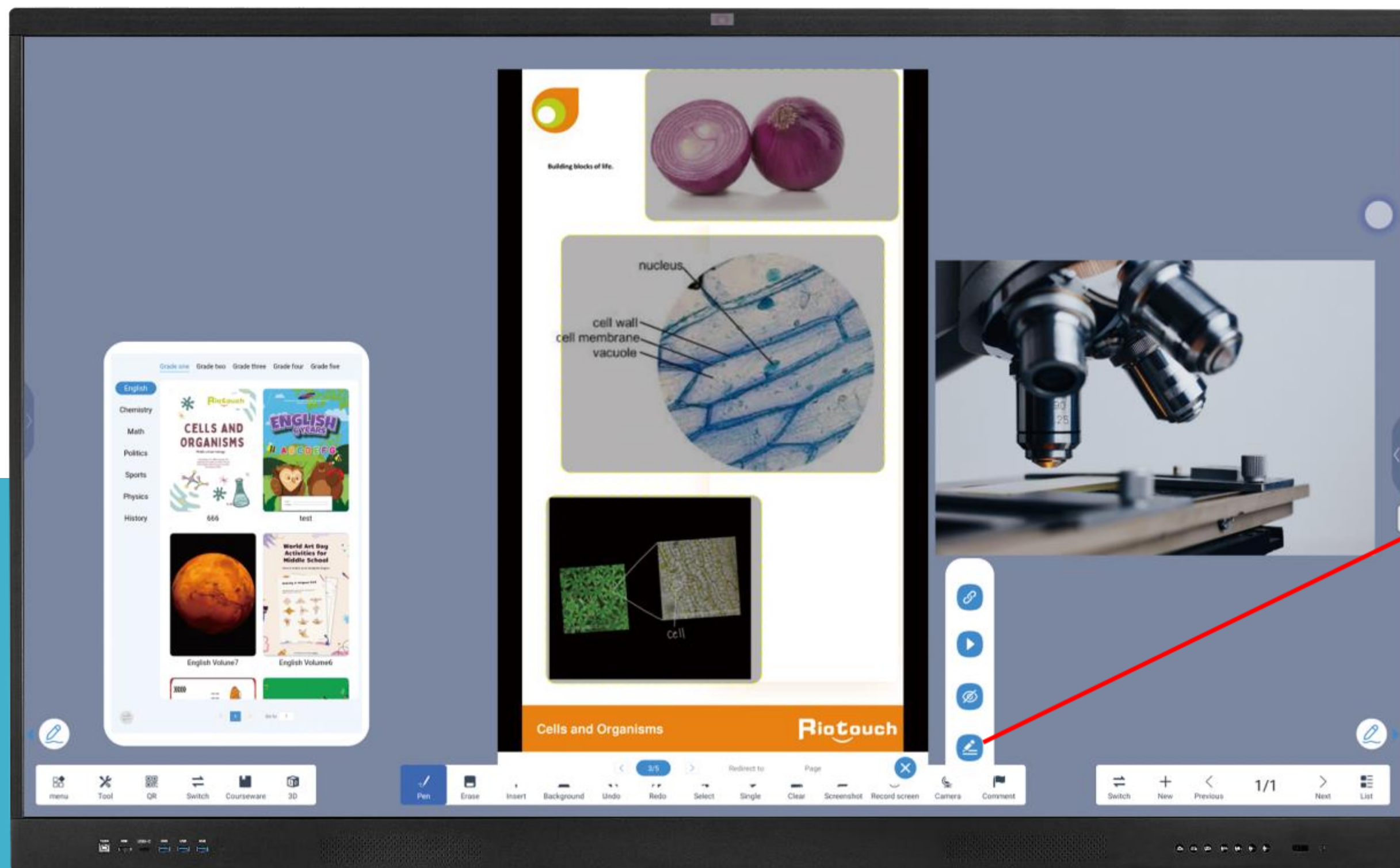
From primary to higher education, our platform,covers a wide range of subjects, igniting curiosity and fostering deep understanding. Customize your curriculum, create dynamic content, and contribute to a learning revolution that transforms teaching and empowers learners to achieve more."

DMS-"Simplify, Streamline, Secure."

Secure your documents, smarten your management, and enjoy a seamless experience, all in one unified platform."
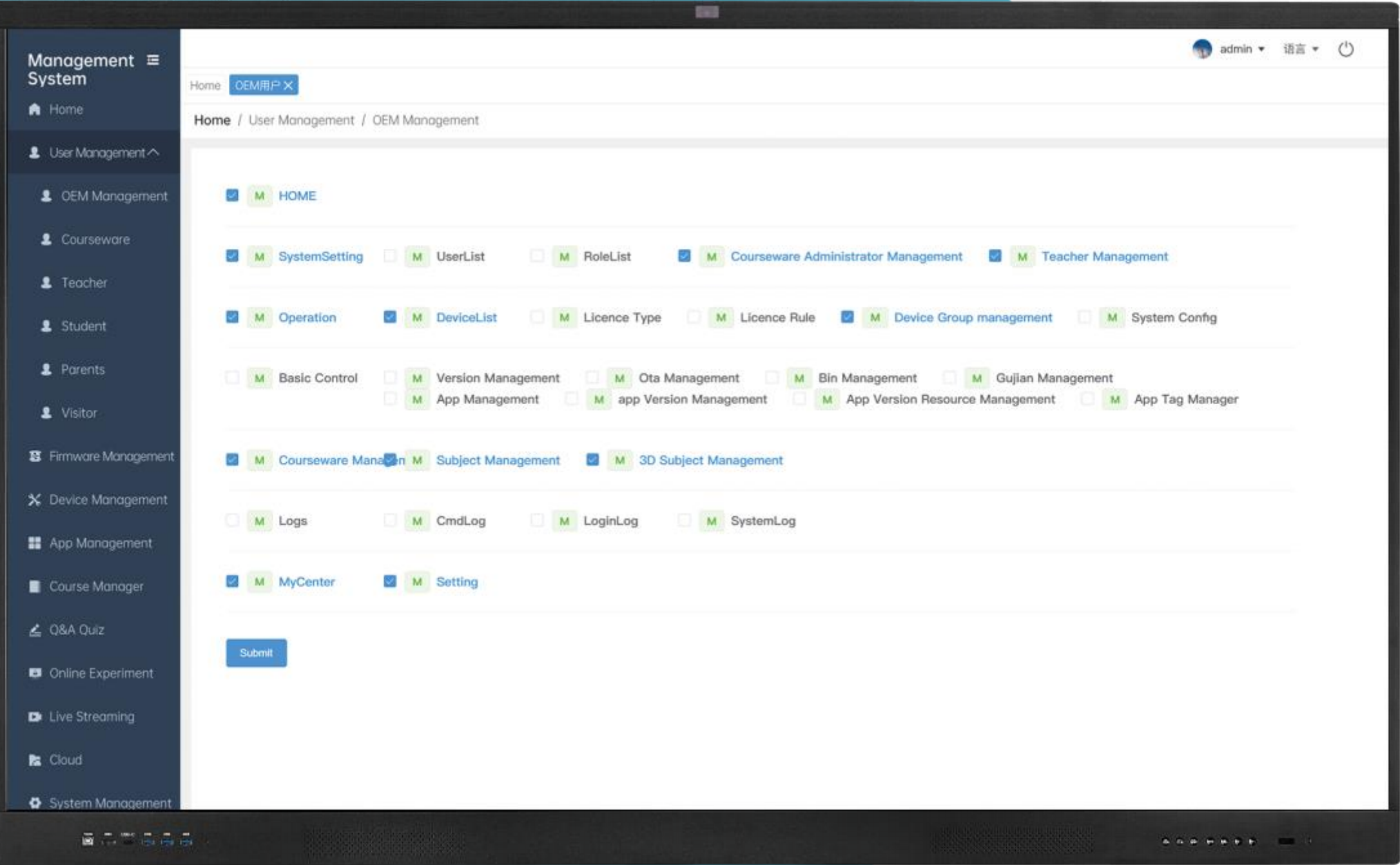
Easy Maintenance & Customization

Secured Document

Save Cost

Recovering Files

Liberate Manpower

Remote Control

Save Storage

Cloud Sync, Seamless Harmony

"Experience cloud sync like never before. Our service harmonizes with Google,OneDrive, and more, uniting all your data in perfect sync."

Secure, Smart, and Social Cloud

"Secure your data, smarten your access, and socialize your cloud experience. Our service supports Google, OneDrive, and more for a truly social cloud."
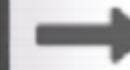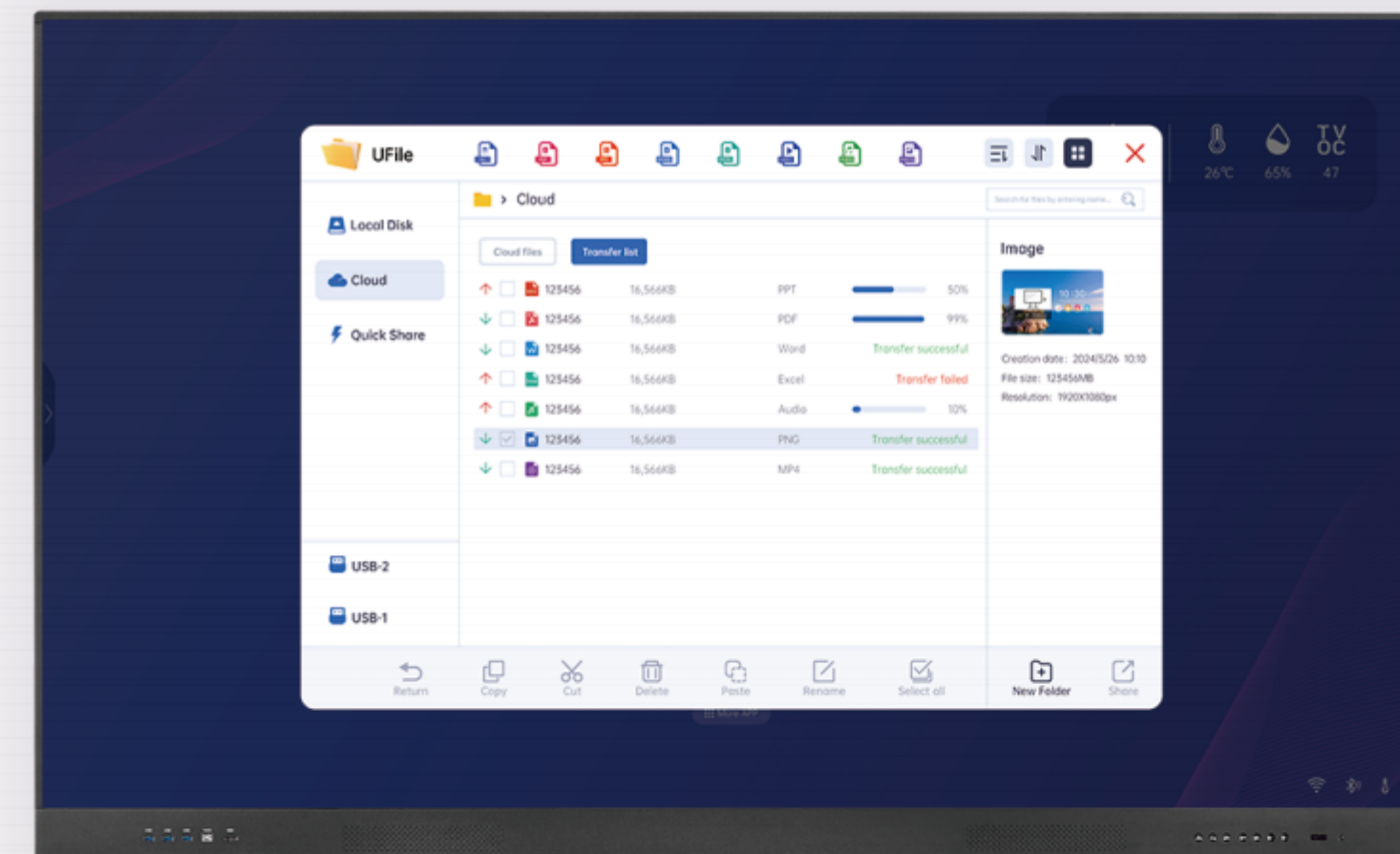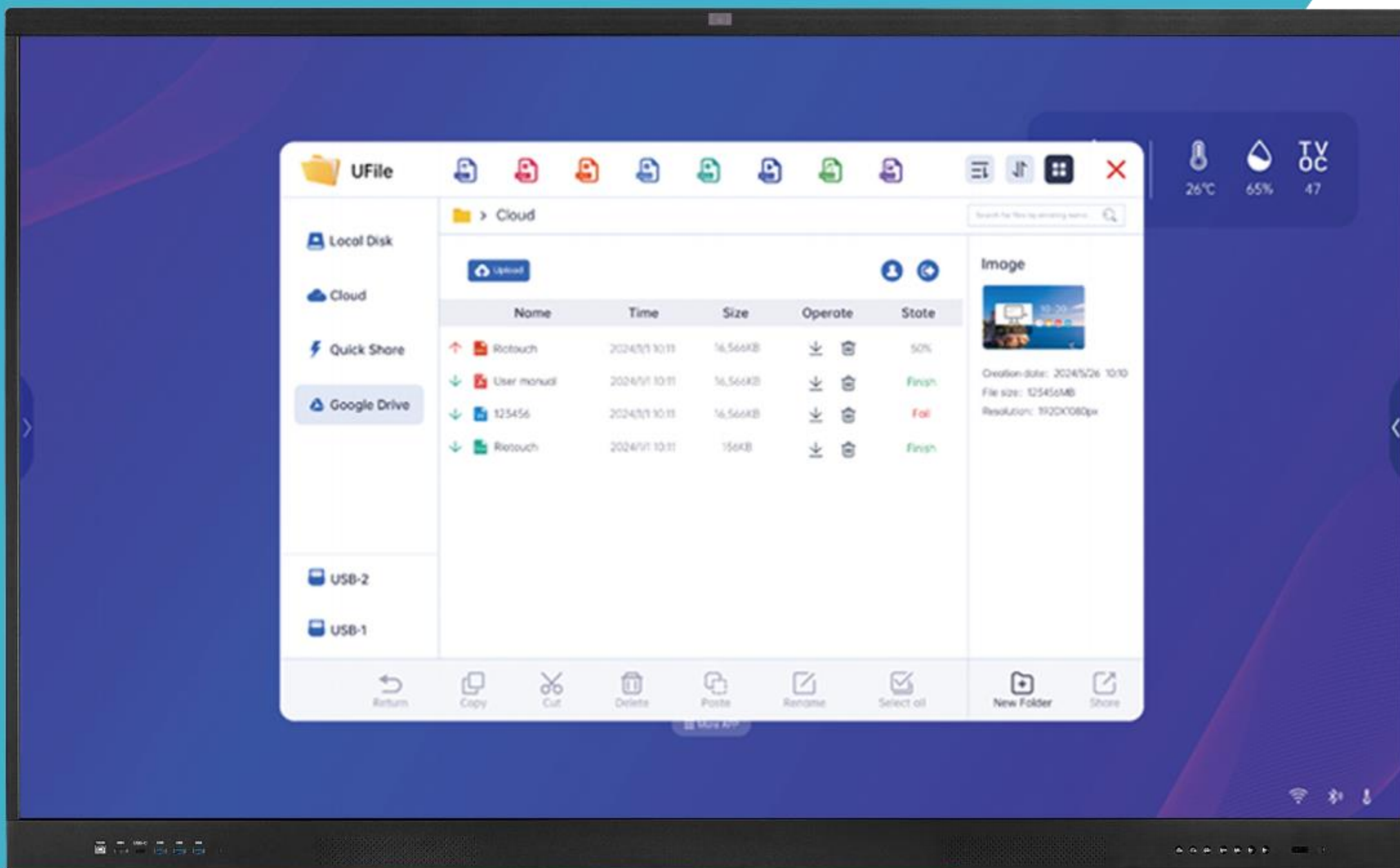
Beyond the Drive, Into the Cloud

- Step beyond the drive and into the cloud with our service.

- Multi-user functionality meets Google, OneDrive, and other

  cloud giants.

The Power of Now,In Every Update

Feel the power of now with everyOTA update.

Immediate,impactful,and alwaysimproving.

Interactive Flat Panel Display-ADV100

IR Touch Interactive Flat Panel Display

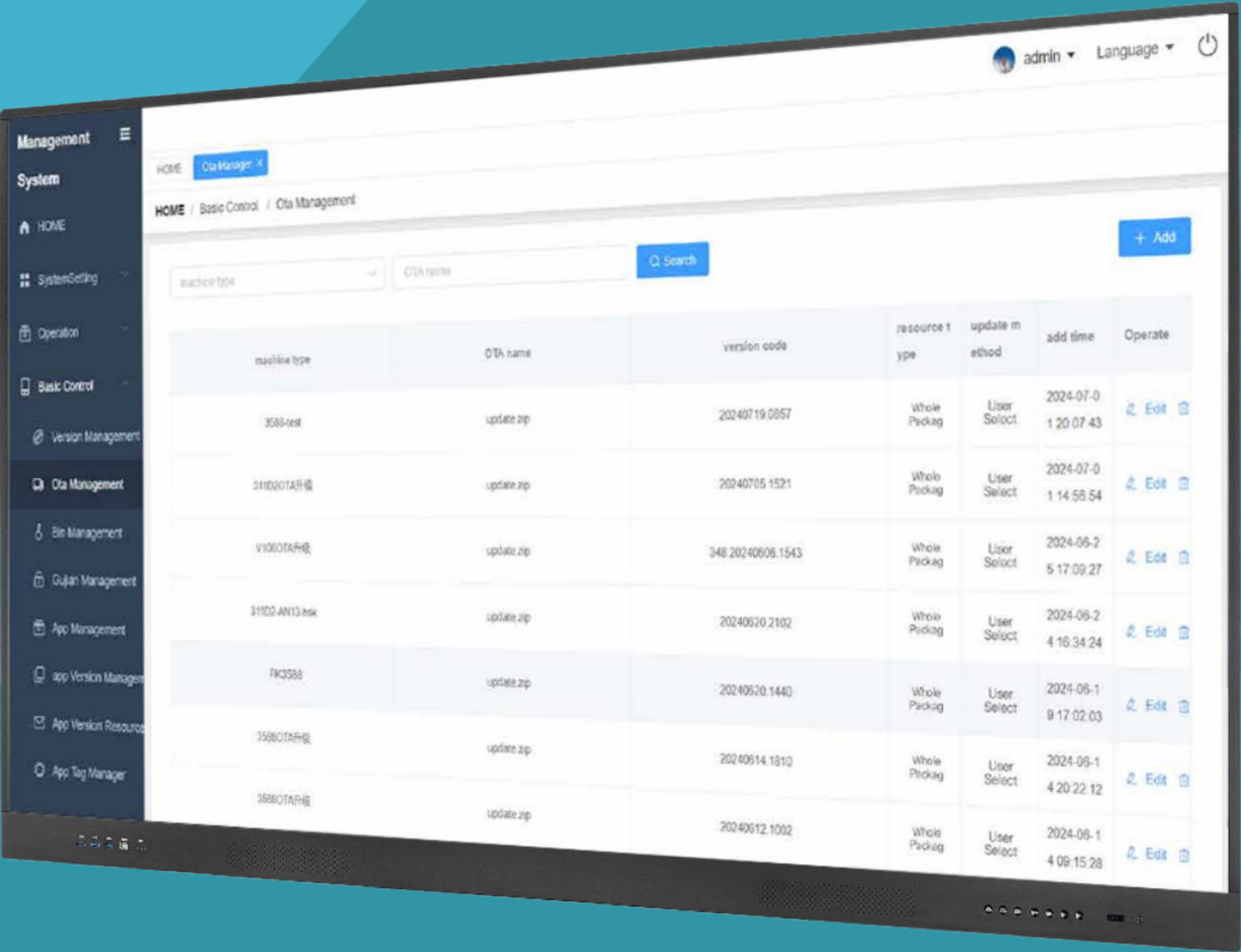| Model		LT65ADV100	LT75ADV100	LT86ADV100
Product picture				
Display specification				
Diagonal display size		65(inch)	75(inch)	86(inch)
Bezel color	Aluminum frame(Black color)	√	√	√
Panel type	Ultra HD Direct type LED			
Active area (mm)		1428.48 (H) * 803.52 (V)	1649.66 * 927.93(V)	1895.04 * 1065.96(V)
Resolution	3840*2160 /60hz	√	√	√
Pixel Pitch		0.372mm x 0.372mm	0.429 mm x 0.429 mm	0.4935 mm x 0.4935 mm
Hardness Glass	Mohs-7 level	√	√	√
Glass Panel	Anti-Glare glass with zero bonding	√	√	√
Aspect Ratio	16:9	√	√	√
Contrast Ratio	1200:1 (type)	√	√	√
Dynamic Contrast Ratio	4000:1	√	√	√
Brightness	350cd/m2	√	√	√
Color depth	1.07 billion colors	√	√	√
Viewing angle	178°	√	√	√
Lifespan	50,000 hours	√	√	√
Touch Type				
Touch Technology	IR touch	√	√	√
Multi Touch	Max 40 points(Windows)	√	√	√
Multi Writing	Max 20 points(Windows)	√	√	√
Touch Precision	1 mm (over 90% Area)	√	√	√
Auto-Calibration	Yes	√	√	√
Anti-light	Yes	√	√	√
Minimum object size	2mm	√	√	√
Touch Response Time	First Point <2 ms, Continuation <8	√	√	√
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS	√	√	√

Sound				
Speakers	2.0(2.1 option)	√	√	√
Front Speakers	15W*2 （20W*2 option）	√	√	√
Subwoofer	20W*1 option	√	√	√
Total Power Amplifiers	≦60w	√	√	√
Microphone (option)				
Type	wide-area microphones	√	√	√
Number of Microphones	8	√	√	√
Auto switch (Windows/Central)	Yes	√	√	√
Disconnectable	Yes	√	√	√
camera (option)				
Number of images	1300M（800M/4800M option)	√	√	√
Maximum resolution and frame rate	4208*3120（30fps)	√	√	√
FOV(field of view)	120 °	√	√	√
Front Side Connections				
Front Ports	USB3.0 * 3 lines (Public for both Android & PC) ; Touch out USB B type * 1 line; HDMI in 2.0 * 1 line; USB-C *(full function) 1 line			
Front Keys	Power on/off; Signal source; Return; Main page; Menu; Volume down; Volume up			
Bottom Side Connections				
HDMI OUT	1	√	√	√
RJ45 IN	1(RJ45, 100 Mbit/s)	√	√	√
AV IN	1	√	√	√
YPBPR	1	√	√	√
AV OUT	1	√	√	√
Earphone	1	√	√	√
Touch USB	1	√	√	√
VGA Audio IN	1	√	√	√
VGA IN	1	√	√	√
SPDIF OUT	1	√	√	√
HDMI IN	2	√	√	√
USB 3.0	1	√	√	√
USB 2.0	1	√	√	√
TF CARD	1	√	√	√
RS232 UART	1（DB9）	√	√	√
WiFi Standard	Wi-Fi 5(2.4G+5G)	√	√	√
Bluetooth version	5.0	√	√	√

Interactive Flat Panel Display-ADV100

Riotouch Central				
Android Version	Android 12.0（Upgradeable Android 14.0）	√	√	√
Chip	GK6780v100	√	√	√
CPU	High-End (8 Cores-A55) 1.2GHz	√	√	√
GPU	High-End (Mali-G52 MP2(2EE))	√	√	√
Memory	4GB 8GB DDR4	√	√	√
Storage	32GB 64GB 128GB	√	√	√
Compliant with	Windows; Mac; Linux; Chrome OS	√	√	√
Over-the-Air Updates (OTA)	YES	√	√	√
NFC Reader/Writer	option	√	√	√
Motion Sensors	option	√	√	√
Light Sensor	option	√	√	√
Air Quality Monitoring	option	√	√	√
Temperature Sensor	option	√	√	√
Expansion Board （Optional in the Rear side）				
HDMI IN	1	√	√	√
DP IN	1	√	√	√
VGA IN	1	√	√	√
AUDIO IN	1	√	√	√
USB-B (touch)	1	√	√	√
USB-C	USB 2.0 communication * 1 line	√	√	√
USB 3.0	USB3.0 * 2 lines (Public for both Android & PC)	√	√	√

General Information				
Power Supply	~ 100-240 V (50/60Hz)	√	√	√
Switch On / Off	Yes	√	√	√
Standby Energy Consumption	≤ 0.5 Watt	√	√	√
Power Consumption		Maximun< 290W Eco<75W	Maximun< 420W Eco<75W	Maximun< 500W Eco<75W
Net Weight	(KG±2)	40	51	65
Gross Weight	(KG±2)	50	63	80
Screen Dimensions	(WxDxH)	1470.9 *97.5* 897.5 mm	1692.1 *97.5*1021.9 mm	1943.4*97.5*1166 mm
Dimensions Package	(WxDxH)	1622 * 222 * 1044 mm	1842 * 222 * 1166 mm	2090 *222 * 1307 mm
VESA Standard	(mm)	600*400 mm	600*400 mm	800*600 mm
Certifications	CE: EMC + LVD / RoHS / REACH / FCC/CCC	√	√	√
Warranty	ONE year for the whole product and THREE years for touch parts by default. (can be extended, it's for an option)	√	√	√
Environmental conditions				
Operating Temperature	0℃ – 38℃/32 – 100 °F	√	√	√
Storage Temperature	−20℃ – 60℃/−4 – 140 °F	√	√	√
Storage Humidity	10 % – 90 %	√	√	√
Usage Humidity	10 % – 90 %	√	√	√
Accessories				
Accessories	No ink pen * 2pcs, Remote control *1pc, 1.5m power cord *1pc, 1.5m HDMI cable *1pc, 1.5m USB touch cable *1pc; wall mount kit			