High-Performance,Smart Board

RK3576 interactive screen – Innovating learning and collaboration, redefining technology for education and business



Smart Board with AI Teaching & Teaching Software

Voice Command

AI-Generated

AI Assistant

AI search, screenshot, file and voice control all-in-one intelligent assistant

Multiple Languages

AI Course

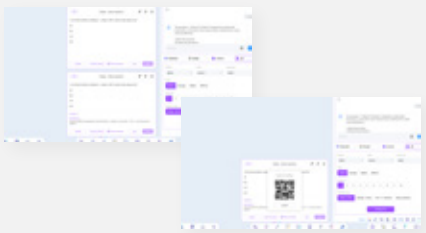
AI Q&A

Flash Card

Multi-screen Translation



Whiteboard AI-Lesson plan



Whiteboard AI- Quiz Generation



Whiteboard AI

Whiteboard AI— Quiz Generation

Document analyze

Whiteboard AI- Application in Teaching

Whiteboard AI -Caculator

Whiteboard AI- Flow/ table diagram

Whiteboard AI- Mindmap



Whiteboard AI — Document analyze



Whiteboard AI- Application in Teaching



PHET

Periodic table

Courseware

3D

Periodic table

Ignite Learning with RK3576 – Where Every Subject Shines

PhET Interactive Simulations – Your gateway to a world of science and math, now powered by RK3576.

PHYSICS

CHEMISTRY

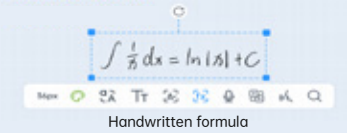
MATH

EARTH SCIENCE

BIOLOGY

STEM

Umind the whiteboard software—Math pen

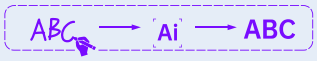


Handwritten formula



Identify and generate standard formulas

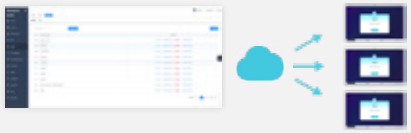
Transform Your Writing with Umind Advanced AI Pen



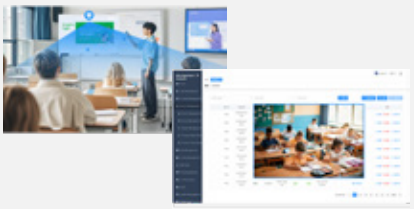


Generative Educational AI





DMS Operation-Group Message Sending



DMS Operation-Real Time Class Monitoring



DMS

DMS provides each user with an exclusive resource library, which automatically creates a personal storage space through DMS association. Freely upload and manage various resources and easily build personalized file materials.



Remote Lock/Unlock the IFP



Upload OTA firmware package directly to cloud

Model		LTF65YS3576	LTF75YS3576	LTF86YS3576
Display specification				
Diagonal display size		65(inch)	75(inch)	86(inch)
Bezel color	Aluminum frame(White color)	√	√	√
Panel type	Ultra HD Direct type LED	√	√	√
Active area (mm)		1428.48 (H) * 803.52 (V)	1649.66(H) * 927.93(V)	1895.04 (H) * 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	4000:1	√	√	√
Brightness	400cd/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 ms	√	√	√
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS	√	√	√
Sound				
Front Speakers	20W*2	√	√	√
Front Side Connections				
Front Ports	Type-C * 1 line; HDMI IN * 1 line; USB2.0*3; USB-B*1			
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down; Volume up			
Bottom Side Connections				
SPDIF OUT	1	√	√	√
RS232	1	√	√	√
Side Connection				
Touch USB	1	√	√	√
HDMI IN	1	√	√	√
HDMI OUT	1	√	√	√
TYPE-C OTG	1	√	√	√
Android USB 3.0	1	√	√	√
Android USB 2.0	2	√	√	√
RJ45	1	√	√	√
LINE OUT	1	√	√	√
LINE IN	1	√	√	√
WIFI	WIFI 6	√	√	√
Windows OPS Slot	80-pins OPS slot	√	√	√
Bluetooth version	5.4	√	√	√
Riotouch Central				
Android Version	Android 16.0	√	√	√
Chip	RK3576	√	√	√
CPU	quad-core Cortex-A72 and quad-core Cortex-A53 2.2GHz	√	√	√
GPU	Mali-G52 MC3	√	√	√
RAM	8GB DDR	√	√	√
Flash	128GB EMMC	√	√	√
Compliant with	Windows; Mac; Linux; Chrome OS	√	√	√
Over-the-Air Updates (OTA)	YES	√	√	√
Light Sensor	YES	√	√	√
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< 320W Eco<75W	Maximun< 350W Eco<75W
Net Weight	(KG±2)	45	55	70
Gross Weight	(KG±2)	55	68	85
Screen Dimensions	(WxDxH)	1485 *102*900mm	1707*102*1025 mm	1953*102*1164 mm
Dimensions Package	(WxDxH)	1596*175*1020 mm	1818*165*1120mm	2055*168*1272mm
VESA Standard	(mm)	400*500 mm	400*700 mm	600*800 mm
Certifications	CE: EMC + LVD / RoHS / 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℃ - 40℃/32 - 100 °F	√	√	√
Storage Temperature	-20℃ - 60℃/-4 - 140 °F	√	√	√
Storage Humidity	10 % - 90 %	√	√	√
Usage Humidity	10 % - 90 %	√	√	√
Accessories				
Accessories	WIFI antenna*2pcs; No ink pen * 2pcs, Remote control *1pcs, 1.5m power cord *1pcs, 1.5m HDMI cable *1pcs, 1.5m USB touch cable *1pcs; wall mount kit			