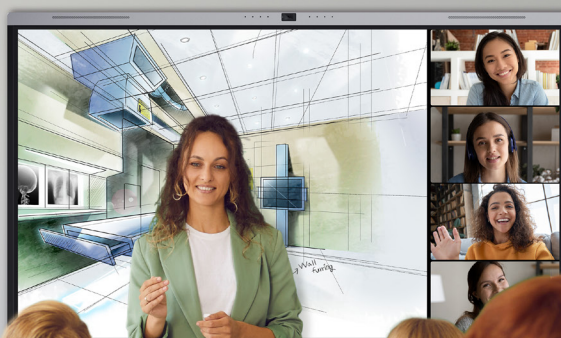


MAXHUB U4 Series

Unleash Learning, Redefined Possibilities.



OTHER | MAXHUB U4 SERIES



1.07
billion colors



$\Delta E < 1$
pro-grade color
accuracy



Manual color
calibration
during production.



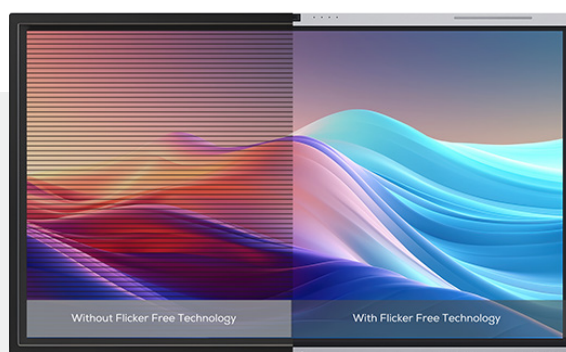
500nits
Maximum
brightness

Brilliant Hues, Healthy Eyes

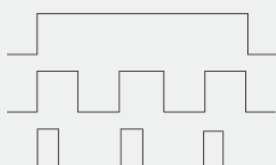
Experience the difference between ordinary screens and truly exceptional displays. We redefine comfort and clarity with a 98% sRGB wide color gamut and 1.07 billion colors (10-bit). A Delta E of less than 1 and meticulous hardware calibration ensure stunning precision and minimize eye strain, transforming how you see and interact with digital content.

Flicker-Free, Future-Proof

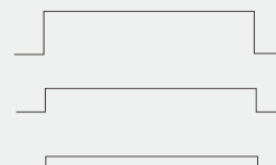
Tired of flickering screens causing eye strain and headaches? Unlike PWM dimming, which uses rapid on/off cycles, DC dimming adjusts brightness directly, eliminating flicker and reducing eye strain. TÜV Flicker-Free certified for superior performance.



PWM Dimming



DC Dimming



100% Brightness

Medium Brightness

Low Brightness

See, Hear, All in One

The U4 Series features a 50MP ultra-HD camera with a 115° wide-angle lens, capturing every detail and covering the entire room effortlessly. Perfect for classrooms, meetings, or any space where clarity and connection matter most.



Auto Framing



Speaker Tracking



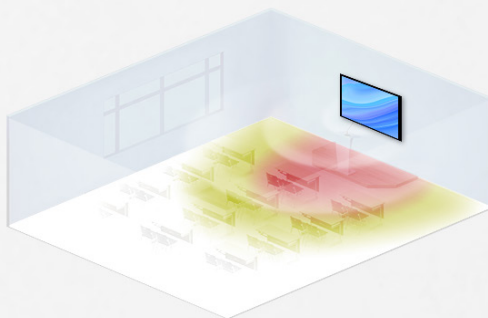
Facial Recognition



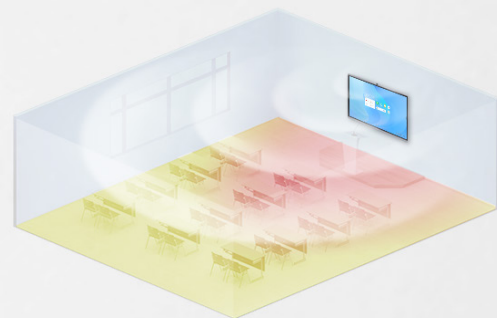
BYOD

Immersive Sky Audio

Hear the difference with the MAXHUB Skywave Sound System. Enjoy clear, room-filling audio thanks to its powerful 2.2 channel setup and four speakers (2x12W + 2x25W). Plus, experience 4 times* the transmission distance. The built-in microphone ensures your voice is captured with precision, making every meeting or presentation seamless.



Others Audio



U4 Series Skywave Audio

*compared to regular 2x20W speakers, ensuring everyone in the room hears clearly.



AI Spatial Sound



Automatic Gain Control



Auto Echo Cancellation



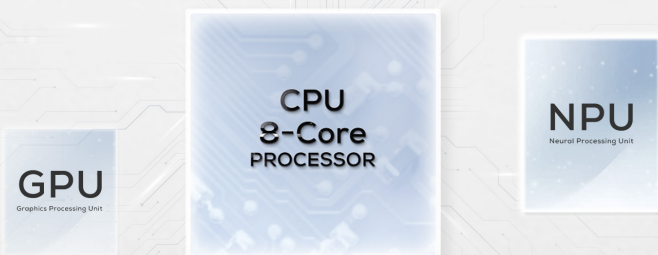
AI Noise Reduction



Intelligent Audio Fence

8 Cores Unleashed, Intelligence Amplified

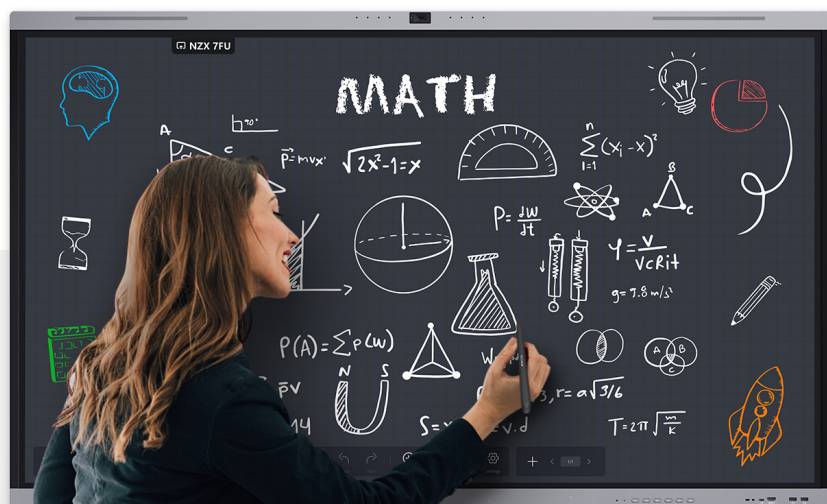
Unleash your potential with cutting-edge performance, powered by the power of standard quad-core chips, an advanced 8nm process chip that delivers 6X the performance. Equippe with a robust 8-Core CPU and dedicated 6 TOPS NPU, our facilities redefine unmatched speed, enabling seamless multitasking and accelerated AI capabilities, and productivity.



16GB RAM
256GB ROM

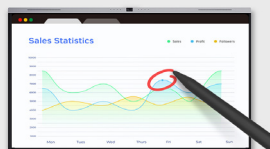
Effortless Multitasking with Generous Memory

With 16GB ultra-large RAM, power through multitasking effortlessly—seamlessly switch between background screen recording, hybrid teaching on video platforms, and accessing course resources, all while maintaining smooth, lag-free performance. Paired with 256GB storage, it easily holds up to 60,000 lecture slides or 400 hours of educational videos, keeping learning materials readily accessible without worrying about running out of space.



MAXHUB Think & Ink for Effortless Collaboration

Revolutionize your brainstorming sessions with MAXHUB Think & Ink, the ultimate "pick up and write" technology. Designed for seamless idea capture, it distinguishes between pen tip, pen tail, finger, and palm with precision, supports 50 touch points, and delivers an industry-leading $\pm 0.5\text{mm}$ touch accuracy. Combined with a re-engineered glass surface that reduces friction by 40%, every touch and stroke feels smoother than ever—empowering teams to collaborate effortlessly and elevate meeting productivity.



Direct Annotation



Palm Rejection



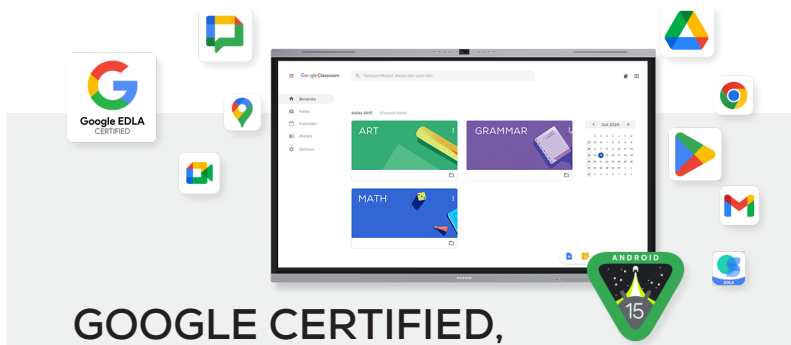
Sharp Erase



Pressure Sensing



Erase and Write Simultaneously



GOOGLE CERTIFIED, MAXHUB EDU OS

Secure, Stable, and Efficient MAXHUB EDU OS is Google EDLA-certified and powered by the latest Android 15, offering seamless integration with the Google ecosystem, including YouTube, Classroom, and Google Play.



Education Mode

Corporate Mode

Effortless Switching Modes

Effortlessly switch between UI styles with just one click—tailored for your needs. Simplify your meetings and elevate productivity with intuitive controls and cutting-edge technology!



Dustproof and Safe, Seamlessly Connected

MAXHUB U4 display is built to IP5X dustproof standards and features antibacterial protection on the screen, stylus, and buttons for a cleaner, safer environment. Its versatile Type-C port enables peripheral connections, data transfer, and up to 100W charging through a single cable. With a robust 9H scratch-resistant glass surface, it delivers durable, long-lasting performance in any setting.

Display

Model	U6540	U7540	U8640
Diagonal Size (inch)	65	75	86
Resolution	3840(H)×2160(V)	3840(H)×2160(V)	3840(H)×2160(V)
Panel Brightness	500 nits (max.)	500 nits (max.)	500 nits (max.)
Contrast Ratio	5,000:1 (typ.) 50,000:1 (dynamic)	5,000:1 (typ.) 50,000:1 (dynamic)	1,200:1 (typ.) 50,000:1 (dynamic)
Contrast Depth	1.07B (10bit)	1.07B (10bit)	1.07B (10bit)
Color Gamut (typ.)	98% sRGB	98% sRGB	98% sRGB
Color Accuracy	ΔE≤1	ΔE≤1	ΔE≤1
Eyes Care	TÜV Flicker Free TÜV Low Blue Light	TÜV Flicker Free TÜV Low Blue Light	TÜV Flicker Free TÜV Low Blue Light

Camera

Quantity	× 1
Resolution	50MP
FOV	115° DFOV, 101° HFOV, 85° VFOV
Feature	Manual mode Auto framing Speaker tracking Person counting Random selection

Audio

Audio System	SkyWave Sound System
Sound Channel	2.2
Speaker Power	2×8W+2×18W (output) 2×12W+2×25W (maximum)

Microphone

Quantity	8-mic array
Pick-up Angle	180°
Pick-up Range	0~12m
Feature	Intelligent audio fence AI spatial sound AEC (Auto echo cancellation) ANC (AI noise cancellation) AGC (Auto gain control)

Connectivity

	HDMI IN × 4
	USB 2.0 × 1
	USB 3.0 × 4
	Touch × 2
Input	USB Type-C × 2 (Up to 100W PD)
	DP IN × 1
	AUDIO IN × 1
	RS232 × 1
	RJ45 IN × 1
	TF Card Port × 1
	HDMI OUT × 1
	AUDIO OUT × 1
Output	USB Type-C × 1
	SPDIF × 1
	RJ45 OUT × 1
OPS Slot	Module slot × 1
Wi-Fi Module (SI07B)	Wi-Fi 6 supported 802.11ac/b/g/n/a/ax, 2.4GHz/5GHz

Built-in System

Operating System	Android 15.0
Certification	Google EDLA certification
RAM	16GB
ROM	256GB (Expandable up to 1TB)
SoC Process	8 nm
CPU	A76×4+A55×4 Octa-core, 2.4GHz
GPU	Mali-G610 MP4
NPU	6 TOPS

Touch System

Touch System	Infrared recognition
Touch Point	50 Points touch
Accuracy	±0.5mm
Response Time	≤ 2.5 ms
MAXHUB Think&Link	Direct Annotation / Palm Rejection / Sharp Erase / Erase and Write Simultaneously / Multi-level Object Recognition / Single Pen Dual Color