MAXHUB Interactive Flat Panel

U4 Series Datasheet

The MAXHUB U4 Series is a versatile solution for both education and collaborative discussions. Equipped with a Google EDLA Certified operating system, it ensures seamless integration with Google apps and accounts, while the AI-powered SoC ensures smooth performance. The advanced touchscreen enables precise writing, and the powerful AI camera and microphone deliver clear audio and video for seamless interactions. With versatile connectivity options, it simplifies content sharing and enhances collaboration, making it an ideal tool for productive and engaging communication.

Prominent Display

4K display, 10-bit color
High color accuracy, ΔE≤1

SkyWave Sound System

2.2 channel speaker
2×12W+2×25W maximum

Peak Performance

Octa-core CPU
Independent NPU
16GB RAM, 256GB ROM

Precious Touch

MAXHUB Think&Ink Technology
50 touch points
± 0.5mm touch accuracy

Classroom Care

Hardware-grade eye care
TÜV Low Blue Light and Flicker Free certification

Advanced Security System

Powered by Android 15 with Google EDLA certification

Convenient Connectivity

Full function USB-C, integrate 100W PD, video, audio, touch and internet access features

Comprehensive Software Suite

Versatile applications for education and collaboration

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Display

Model	U6540	U7540	U8640
Diagonal Size (inch)	65	75	86
Display Area	1428.48(H) × 803.52(V) mm	1650.24(H) × 928.26(V) mm	1895.04(H) × 1065.96(V) mm
Aspect Ratio	16:9	16:9	16:9
Resolution	3840(H) × 2160(V)	3840(H) × 2160(V)	3840(H) × 2160(V)
Viewing Angle	178° (H/V)	178° (H/V)	178° (H/V)
Screen Level	A-Level	A-Level	A-Level
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)
Color 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
Glass	Zero parallax 3mm thickness 9H tempered	Zero parallax 3mm thickness 9H tempered	Zero parallax 3mm thickness 9H tempered
Surface Technology	Non-glare, 25% haze Etched-AG Technology	Non-glare, 25% haze Etched-AG Technology	Non-glare, 25% haze Etched-AG Technology
Sensor	Ambient light sensor Ambient color temperature sensor	Ambient light sensor Ambient color temperature sensor	Ambient light sensor Ambient color temperature sensor
Eyes Care	TÜV Flicker Free TÜV Low Blue Light	TÜV Flicker Free TÜV Low Blue Light	TÜV Flicker Free TÜV Low Blue Light
Refresh Rate	60 Hz	60 Hz	60 Hz
Response Time	6.5 ms	6.5 ms	8 ms
Backlight Unit	DLED	DLED	DLED
Backlight Life (typ.)	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours

Touch System

Touch Technology	Infrared recognition
Touch Point	50 Points touch
Object Recognition Range	1.5 mm
Accuracy	± 0.5 mm
Response Time	≤ 2.5 ms
Writing Height	≤ 1 mm
MAXHUB Think&Ink	Direct Annotation / Palm Rejection / Sharp Erase / Erase and Write Simultaneously / Multi-level Object Recognition / Single Pen Dual Color
System (Touch Return)	Windows11/Windows10/Windows8/ Windows7/Android/Linux/Mac OS X/Chrome

Connectivity

Input	HDMI IN × 4	Up to 4K@60Hz, HDCP 1.4&2.2&2.3, CEC, ARC (HDMI 1)
	USB 2.0 × 1	For system upgrades
	USB 3.0 × 4	Front×2 + Rear×2
	Touch × 2	3.0×2
	USB Type-C × 2	Video and audio transmission, touch, charging, LAN network sharing. **Front:** up to 65W PD **Rear:** up to 100W PD
	DP IN × 1	4K@30Hz, HDCP 1.4&2.2&2.3
	AUDIO IN × 1	3.5mm jack
	RS232 × 1	Baud rate 9600
	RJ45 IN × 1	10M/100M/1000Mbps
	TF Card Port × 1	Expandable up to 1TB
Output	HDMI OUT × 1	Up to 4K@60Hz
	AUDIO OUT × 1	3.5mm jack
	USB Type-C × 1	Type-C OUT
	SPDIF × 1	PCM output format
	RJ45 OUT × 1	10M/100M/1000Mbps
OPS Slot		Module slot × 1
Wi-Fi Module Slot		Module slot × 1
Wi-Fi Module (SI07B)		Wi-Fi 6 supported 802.11ac/b/g/n/a/ax, 2.4GHz/5GHz
Bluetooth		5.2

Built-in System

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

Camera

Quantity	× 1
Resolution	50MP
FOV	115° DFOV, 101° HFOV, 85° VFOV
Feature	Manual Mode Auto Framing Speaker Tracking Person Counting Random Election

Audio

Audio System	SkyWave Sound System
Sound Channel	2.2
Speaker Power	2×8W+2×18W (output) 2×12W+2×25W (maximum)
Sound Pressure Level	88 dB (1W, 1m)

Microphone

Quantity	8-mic array
Pick-up Angle	180°
Pick-up Range	0~12 m
Feature	Intelligent Audio Fence AI Spatial Sound AEC (Auto Echo Cancellation) ANC (AI Noise Cancellation) AGC (Auto Gain Control)

Power			
Power Supply	AC 100~240V 50/60Hz	AC 100~240V 50/60Hz	AC 100~240V 50/60Hz
Power Consumption (standby)	≤ 0.5W	≤ 0.5W	≤ 0.5W
Power Consumption (typ.)	70W	80W	100W
Power Saving	Energy Star Certification	Energy Star Certification	Energy Star Certification

Physical Specification			
Dimension (L×H×D)	1488.4× 909.4 × 97 mm	1709.4 × 1034 × 97 mm	1957 × 1172.7 × 97 mm
Shipping Dimension (L×H×D)	1628 × 1020 × 185 mm	1863 × 1148 × 185 mm	2110 × 1291 × 185 mm
Thickness of Machine and Wall Mount	122 mm	122 mm	122 mm
Wall-hanging Screw	M7×56 mm	M7×56 mm	M7×56 mm
VESA	No	No	No
Net Weight	30.7 kg	40.6 kg	51.9 kg
Gross Weight	40.5 kg	53.5 kg	66.5 kg

Environment	
Operating Temperature	0°C~40°C
Storage Temperature	-20°C~60°C
Operating Humidity	10%~90%RH
Storage Humidity	10%~90%RH
Altitude	Below 5000 meters
Dust Resistance	IP5X-rated

Accessories	
Power Cord	3 m × 1
HDMI Cable	3 m × 1
Remote Control	× 1
Stylus	SW13F × 2
Display Bracket	× 2
Wall Mount Bracket	WIB9060K × 1
Wi-Fi Module	SI07B × 1

Software	
System OS	MAXHUB EDU OS V4
Whiteboard Tool	MAXHUB Class Pro
Screen Sharing	MAXHUB Connect
Device Management	MAXHUB Pivot
Google Apps	Google Play, Google Drive, Google Meet, Google map, YouTube, etc.
Other Apps	Browser, Cloud Drive, Note, Palette, etc.

Optional Module	
USB Camera	UC W31
PTZ Camera	UC P30
Video Bar	UC S07
OPS Module	OPS62A/OPS72A
Smart Pen	SP30B
Sensor Box	WL10C, WL20
Mobile Stand	ST33M, ST23B, EST09

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