

MAXHUB Interactive Flat Panel

U7540 Datasheet

The MAXHUB U7540 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, $\Delta E \leq 1$



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

Display		
Model	U7540	
Diagonal Size (inch)	75	
Display Area	1650.24 (H) × 928.26 (V) mm	
Aspect Ratio	16:9	
Resolution	3840 (H) × 2160 (V)	
Viewing Angle	178° (H/V)	
Screen Level	A-Level	
Panel Brightness	500 nits (max.)	
Contrast Ratio	5,000:1 (typ.) 50,000:1 (dynamic)	
Color Depth	1.07B (10bit)	
Color Gamut (typ.)	98% sRGB	
Color Accuracy	ΔE≤1	
Glass	Zero parallax	
	3mm thickness	
	9H tempered	
Surface Technology	Non-glare, 25% haze Etched-AG Technology	
Sensor	Ambient light sensor Ambient color temperature sensor	
Eyes Care	TÜV Flicker Free TÜV Low Blue Light	
Refresh Rate	60Hz	
Response Time	6.5ms	
Backlight Unit	DLED	
Backlight Life (typ.)	≥ 60,000 Hours	

Connectivity		
	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
Input	USB Type-C × 2	Video and audio transmission, touch, charging, LAN network sharing. Front: up to 65W PD; Rear: up to 100W PD
Output	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
	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	

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

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	

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.	

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
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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)	

Physical Specification		
Dimension (L×H×D)	1709.4 × 1034 × 97 mm	
Shipping Dimension (L×H×D)	1863 × 1148 × 185 mm	
Thickness of Machine and Wall Mount	122 mm	
Wall-hanging Screw	M7×56 mm	
VESA	No	
Net Weight	40.6 kg	
Gross Weight	53.5 kg	

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	

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	