MAXHUB Interactive Flat Panel F5 Series

Model: F7550

The MAXHUB F5 Series is an advanced interactive display designed for modern education and hybrid learning. Powered by Windows, it delivers a familiar, secure, and highly compatible experience, enabling educators to run teaching tools with greater ease and stability. Its wide-angle camera supports remote and hybrid learning by capturing more of the classroom, while eye-care display technology and skywave sound system provide a healthier and more comfortable experience for both in-room and remote participants. Combined with responsive touch, precise writing, and efficient content sharing, the F5 Series makes every lesson more seamless, engaging, and productive.



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

Intel 13th CPU, 8GB RAM,
256GB ROM

Precious Touch

MAXHUB Think&Ink Technology
50 touch points,
±1.5mm touch accuracy

Classroom Care

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

Advanced Security System

Powered by Windows 11 Pro

Hybrid Learning

Seamlessly share your screen
via wired or wireless connections

Comprehensive Software Suite

MAXHUB EDU OS for Windows,
extensive education-tailored
applications

F7550

Display	
Model	F7550
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 Type	Wide Viewing Angle Panel
Panel Brightness	400 nits (typ.) 450 nits (max.)
Side-Viewing Brightness	≥ 1/3 of center brightness (±60°)
Contrast Ratio	5,500:1 (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	Anti-glare, 25% haze
Sensor	Ambient light 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

Touch System	
Touch Technology	Infrared recognition
Touch Point	50 Points touch
Object Recognition Range	3mm
Accuracy	±1.5mm
Response Time	≤5ms
Writing Height	≤2mm
MAXHUB Think&Ink	Direct Annotation Multi-level Object Recognition Single Pen Dual Color
System (Touch Return)	Windows/Android/Linux/Mac OS/Chrome

Operating System (MT82S PC Module)	
System	Windows 11 Pro
CPU	13th Generation Intel® Core™ i5 Processor
GPU	Intel® UHD Graphics for 13th Gen Intel® Processor
RAM	8GB
ROM	256GB

Connectivity		
I/O Ports (Interactive Display)	HDMI IN × 2	HDMI 2.1, up to 4K@60Hz, HDCP 1.4&2.2&2.3, CEC, ARC (ARC only supported in HDMI 1)
	USB 2.0 × 1	For system upgrades
	USB 3.0 × 2	For external peripherals
	Touch × 1	USB 2.0
	USB Type-C × 1	Video and audio transmission, touch, LAN network sharing.
	AUDIO OUT × 1	3.5mm jack
	RS232 × 1	Baud rate 9600
I/O Ports (PC Module)	HDMI OUT × 1	Up to 4K@60Hz
	USB 2.0 × 3	For external peripherals
	USB 3.0 × 3	For external peripherals
	MIC IN × 1	3.5 mm Jack, input for microphone
	RJ45 × 1	10M/100M/1000Mbps
PC Module 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	

F7550

Camera	
Quantity	× 5
Resolution	60MP 8MP Panorama ×1 13MP Telephoto ×2 13MP Fusion Camera ×2
FOV	Panorama: 145° DFOV, 128° HFOV, 77° VFOV Telephoto: 57° DFOV, 47° HFOV, 36° VFOV Fusion Camera: 151° DFOV, 132° HFOV, 55° VFOV"
Photo Shooting	52MP (12544×4192)
Video Recording	8K@10fps (8192×2733) 4K@25fps (3840×2160) 1080P@25fps (1920×1080)
Feature	Person counting Random election Gesture recognition

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 (1m)

Physical Specification	
Dimension (L×H×D)	1709.7×1041.8×97.9 mm
Shipping Dimension (L×H×D)	1863×1156×185 mm
Thickness of Machine and Wall Mount	123.6 mm (WIB9060H)
Wall-hanging Screw	M8×25mm
VESA	800×400
Net Weight	40.7 kg
Gross Weight	51.4 kg

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

Environment	
Operating Temperature	0℃~40℃
Storage Temperature	-20℃~60℃
Operating Humidity	10%~90%RH
Storage Humidity	10%~90%RH
Altitude	Below 5000 meters

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

Accessories	
Sound Pressure Level	3m×1
HDMI Cable	3m×1
Stylus	SW30×2
Wall Mount Strip	×2
Wall Mount Plate	WIB9060H×1

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