ARMOR

INTERACTI VE FLAT PANEL SERI ES

Smart Display Technology
Android 14 | 4K UHD | 40-Point Touch



Next-Gen Collaborative Solutions

Designed for modern education and enterprise environments, the ARMOR Interactive Display delivers an intuitive 4K multi-touch experience powered by Android 14, integrated 48MP camera, and 8-microphone array.

Ultra HD 4K Display
3840 × 21 60 pixels with 1 .07B colors

40-Point IR Touch
Precision touch with ≤8ms response

Integrated AV Suite
48MP Camera & 8-Mic Array (8m pickup)

Wi-Fi 6 & Android 1 4
Octa-Core CPU, 8GB RAM + 128GB ROM

TECHNICAL SPECIFICATIONS MATRIX

Category / Specification	ARM6505	ARM7505	ARM8605
General & Display Performance			
Display Size	65 Inch	75 Inch	86 Inch
Touch Technology	Infrared Touch Technology		
Backlight & Resolution	Direct LED | 3840 (H) × 21 60 (V) 4K UHD		
Brightness & Aspect Ratio	400 cd/m² | 1 6:9 Aspect Ratio		
Contrast Ratio	1 200:1 (Static) & 4000:1 (Dynamic)		
Viewing Angle & Life Time	1 78° (V) / 1 78° (H) | 50,000 Hours		
View Area (mm)	1 428.48 (H) × 803.52 (V)	1 650.24 (H) × 928.26 (V)	21 58.85 (H) × 1 21 4.35 (V)
Colors & Refresh Rate	1 .07 Billion Display Colors (10 bit) | 60Hz Refresh Rate		
System Processing & Audio-Visual Integration			
Processor & GPU	Octa core ARM Cortex-A55 | ARM Mali G52 MP 2		
Memory & Storage	8GB RAM | 1 28GB ROM Storage		
Operating System	Android 1 4		
Speakers & Audio I/O	Built-in 2 × 1 6W Speakers | Audio In (Yes) | Audio Out (Yes)		
Integrated Microphone Array	8 Mic Array | 8m Pick Up Range		
Integrated Camera	Built-in 48MP Ultra-Clear Camera		
Touch Interface & Connectivity			
Touch Points & Accuracy	40 Point Touch | ±1 mm Touch Accuracy | ≤ 8ms Response Time		
Surface & Glass Protection	4mm AG Anti-glare Glass | 7H Tempered Glass		
Wireless Connectivity	Dual Band 2.4GHz / 5GHz | Wi-Fi 6 | Bluetooth 5.0		
Front Interfaces	USB 3.0 ×3, HDMI ×1, USB-B for Touch ×1, Type-C ×1, LAN RJ45 ×1, MIC ×1		
Rear Interfaces	HDMI In ×2, RS232 ×1, USB 2.0 ×2, TF-card In ×1, Line Out ×1, HDMI Out ×1, Type-C ×1, COAX ×1, USB -B for Touch ×1		
Physical Characteristics & Electrical Specs			
Product Dimensions (W×D×H)	1 485.2 × 890.8 × 97.8 mm	1 707.6 × 1 01 6.55 × 97.8 mm	1 953.56 × 1 1 55.85 × 97.8 mm

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Net / Gross Weight	37 ±5% kg / 45.75 ±5% kg	50.6 ±5% kg / 62 ±5% kg	66 ±5% kg / 82 ±5% kg
Wall Mounting (VESA)	500 mm × 400 mm	600 mm × 400 mm	800 mm × 400 mm
Power Requirements & Consumption	1 00-240V, 50/60Hz ≤ 21 0W	1 00-240V, 50/60Hz ≤ 325W	1 00-240V, 50/60Hz ≤ 420W
Standby & OPS Slot	Standby: ≤ 0.5W | OPS Power Slot: JAE 80-pin connector		
Standard Accessories	Remote Control (x1), Writing Pens (x2), Power Cable (x1), USB Touch Cable (x1), HDMI Cable (x1), User Manual (x1), Wall Mount Bracket (x1)		