ARMOR

Model: ARM8605A | 86" Interactive Flat Panel Display

PRODUCT CATALOG
SPECI FI CATI ON SHEET



DISPLAY SIZE 86 Inch 4K UHD	TOUCH TECH Infrared (50 Points)
OPERATING SYSTEM Android 1 6	MEMORY & STORAGE 8GB RAM / 1 28GB ROM
INTEGRATED CAMERA 48MP AI Camera	AUDIO SYSTEM 2×20W + 20W Subwoofer

GENERAL INFORMATION

Brand	ARMOR
Model	ARM8605A
Country of Origin	USA
Country of Manufacture	China
Lifetime	1 00,000 Hours

DISPLAY PERFORMANCE

Panel Size	86 Inch Diagonal
Resolution	3840 × 21 60 (4K UHD)
Panel Tech / Backlight	IPS / Direct LED
Brightness & Contrast	500 cd/m² | 5500:1
Response & Refresh	6.5 ms | 60Hz
Viewing Angle & Color	1 78° (H/V) | 1 .07B (1 0-bit)

SYSTEM & HARDWARE

CPU	Octa-Core (A78 × 2 + A55 × 6)
GPU	ARM Mali G52 MC3
RAM & Storage	8GB RAM + 1 28GB Storage
Operating System	Android 1 6 with Google Play Store
Wireless / NFC	Wi-Fi 7, Bluetooth 5.4, NFC Supported (Activated)
OPS Extension	JAE 80-pin Slot Connector

TOUCH & GLASS SYSTEM

Touch Technology	Infrared multi-touch
Touch Points	50 Points Touch
Glass Protection	4mm AG Anti-Glare
Bonding Type	Glass Zero Bonding Technology

AUDIO & CAMERA SYSTEM

Built-in Camera	48MP Ultra-Wide AI Camera, 8M+ Pickup Distance, Noise Cancellation, Sound Tracking, Face Tracking, Gesture Recognition (Intelligently recognizes & switches camera mode). Built-in Smart Board integration. (External camera does not replace built-in camera).
Microphone Array	8 Array Microphone System
Speaker System	Built-in 2 × 20W + 20W Subwoofer

CONNECTIVITY INTERFACES

Front Ports	USB 3.0 × 2, USB Type-C × 1 , Touch Out × 1 , HDMI In × 1
Mainboard Ports	TF × 1 , USB 2.0 × 1 , USB 3.0 × 2, HDMI Out 2.1 × 1 , HDMI Touch Out × 1 , HDMI In 2.0 × 1 , DP In 1 .2 × 1 , USB Type-C × 1, VGA × 1 , VGA Touch Out × 1 , VGA Audio In × 1, Type C x1 , S/PDIF (Coaxial) × 1 , RS232 × 1 , Line In × 1 , Line Out × 1 , LAN × 1

PHYSICAL & POWER SPECS

Dimensions (W×D×H)	1 946.4 × 1 1 67.5 × 97 mm
Net Weight	54 kg
Power Supply	1 00–240V, 50/60Hz
Power Consumption	≤ 420W

Software Feature- AI Enhance:

Intelligent Teaching	1. AI QuestGen 2. AI Painting 3. AI Chat 4. Selection Search + AI Search
Meting Scenarios:	1. AI Voice Assistant 2. AI Recording & Minutes 3. AI Generated PPT 4. Ai Real Subtitles & AI camera

OPS

Processor	Core I5, 12 Gen
RAM & ROM	16GB & 512GB

Device Management software, Wireless casting software, Interactive whiteboard and Meeting Tools