

Interactive Flat Panel 86inch

HV SERIES 86" Interactive Flat Panel

Model Y86AIO/TS-A02

Android 14
8 Core 1.2GHz
(ARM cortex A55*8)
8G(RAM)+128(ROM)
With HDMI out and Front
Type-C (USB function only)
20W*2 Speakers

Size	86"
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Detailed

Model	Y86AIO/TS-A02
Appearance	
Case	Aluminum profile side frame+tempered glass+cold-rolled thin steel plate
Color	Silver
Body size	1951.2x1167.9x81.6mm
Protective panel	Anti-glare tempered glass
Installation method	Wall bracket
LCD Display Panel	
Size	86inch

Screen ratio	16:9
Panel brand	BOE / CSOT
Display color	1.07B(8-bit+FRC)
Brightness	350cd/㎡
Viewing Angle	89/89/89/89
Refresh rate	60Hz
Brightness	≥400cd/m2
Contrast	1200 : 1 (Typ.)
Response time	≥8 ms
Backlight life	50K Hours
Usage environment	
Working temperature	0~40℃
Storage temperature	-20~60℃
Working humidity	10%~85% RH
Storage humidity	10%~90% RH
System	
CPU	GK6780 V100 (8 Core Cortex A55*8)
CPU Clock Speed	1.2G Arm Mali-G52 MP2
Memory	DDR4 4G (8G is optional)
Built-in storage capacity	EMMC 32G(128G is optional)
Operating system	Android 14
Network	Ethernet supported
Motherboard side interface	HDMI IN *2 HDMI OUT *1 USB 3.0*1 USB 2.0*1 TOUCH USB *1 RS232*1 VGA *1 TF Slot *1 Headphone *1 RJ45*1 Y-PB-PR port *1 Z-Coaxial OUT *1 Audio IN *1 AV IN *1 AV OUT *1
Front interface	HDMI IN *1 USB2.0*2 TYPE-C*1 TOUCH USB *1 IR Sensor*1 LP *1 (Light Sense) Power *1
Infrared touch screen	
Touch type	Infrared touch
Touch points	20 points(Android); 40 points (Windows)
Touch accuracy	±1.5mm
Response time	8ms
Identifiable objects	Fingers or touch pen
Transparency	≥85%
Temperature range	Working temperature: -10℃~60℃

Operating Voltage	DC 5V
Working power consumption	1W~5W
Camera	48MP (Support autofocus, auto white balance, backlight compensation, 3D noise reduction)
Array mic	8 array microphones, pickup distance 10M, sensitivity -38dB
Power input	AC100V-240V/50-60HZ
Built-in speaker	20W*2
Total power	≤550W
Standby power	≤0.5W
Functional characteristics	Power Operation: Support Low Power Mode; Standby Mode Original Android system, open root permission Support OPS Support Bluetooth 5.1