



# LCD Conference All-in-one Display

**Product Series: LCD Conference All-in-one Display**

**Department: Technology Department**

**Version : A0**

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Zhongxian Beijing

# Catalog

I.Product Illustration.....	1
II.Product Features.....	2
III.Main Specifications.....	5
IV.Touch Writing System.....	8

Zhongxian Beixin

## I.Product Illustration



## II.Product Features

### (1)System properties

Equipped with Android 11.0 intelligent operating system and unique 4K UI design, all interface UI resolution is 4K ultra-high definition;

4-core 64-bit high-performance CPU with 2xCA73+2xCA53 architecture, supporting a maximum clock of 1.5GHz;

### (2)Appearance and intelligent touch control

Ultra-narrow edge design, overall appearance (top and bottom silver and left and right black) frosted material;

Front detachable high-precision infrared touch frame, touch accuracy of  $\pm 1$ mm, support 20-point touch, high sensitivity;

with OPS interface, expandable dual system; three-way USB interface supports computer and Android shared USB function;

Front Type-C interface multi-functional expansion, HD video transmission, USB pass-through, touch pass-through, external device network pass-through, 5V / 1A power supply

(Extremely convenient multi-device links are simple, efficient and make meetings easier)

Front smart pen adsorption slot, no screw instant adsorption, simple operation external USB, the system automatically enters the confidential mode, enter the password to unlock, better protection of file security;

Hardware self-test without the help of PC, the whole machine can carry out hardware self-test, detect the network, RTC, temperature, light sensor, touch,

system memory, OPS and other modules, and give tips on the cause of problems for different modules;

Built-in windows 4K 12 megapixels, 8 array microphones, 10m pickup distance, dual system compatible identification, more convenient video conferencing;

### (3)Whiteboard writing

4K writing whiteboard with 4K ultra-high definition resolution of writing strokes and delicate strokes;

High performance writing software, support single point, multi-point writing, increase the stroke writing effect, etc., support whiteboard insert pictures, add pages, gesture board sassafra, zoom in, zoom out and roaming, sweep code sharing, any channel under any interface can be annotated and other functions;

Infinitely zoomable whiteboard pages, revocable and reversible at will, with no limit on the number of steps;

AG anti-glare 4MM tempered glass with Mohs 7 hardness for a safe and secure writing experience;

### (4)Conference training

Built-in efficient meeting software such as WPS, Welcome Interface, etc.;

Built-in 2.4G/5G projection module, supporting wireless Internet access and WIFI hotspot at the same time;

Wireless co-screening, supporting multiple co-screening, mirroring counter-control, remote snapshot, video, music, document sharing, picture screenshot, wireless remote control confidentiality point casting and other

functions;

Automatic identification of external input signal sources for jumping, easy and convenient screen switching;

#### (5)Business showcase

HD image processing engine: image motion compensation, color enhancement processing, point-to-point fine display technology;

Intelligent all-in-one machines with hovering menus three-finger touch screen follow and five-finger touch screen hibernation;

Customized boot screen, theme and background, and local media player support for automatic classification to meet the needs of different occasions;

Sidebar buttons, gestures to call out small window functions: poller, timer, screenshot, child lock, recording screen, taking pictures, touch-sensitive, intelligent eye protection and other ways and touch control switch freely switch;

### III.Main Specifications

	Model Number	AD-Y98	AD-Y86	AD-Y75	AD-Y65
Panels	Screen Size (inch)	98	86	75	65
	Backlight Type	D-LED	D-LED	D-LED	D-LED
	Resolution	3840*2160	3840*2160	3840*2160	3840*2160
	Brightness	350CD/m <sup>2</sup>	350CD/m <sup>2</sup>	400CD/m <sup>2</sup>	400CD/m <sup>2</sup>
	Screen Contrast Ratio	5000:1	5000:1	5000:1	5000:1
	Response Time	6ms	6ms	8ms	8ms
	Pixel Pitch	0.4298 mm ×0.4298 mm	0.4298 mm ×0.4298 mm	0.4298 mm ×0.4298 mm	0.372 mm ×0.372 mm
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz
	Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
	Color Saturation (x% NTSC)	72%	72%	72%	72%
	Visible Area	2158.8 (horizontal) ×1215.0 (vertical)mm	1895.2 (horizontal) ×1065.0 (vertical) mm	1650 (horizontal) ×928 (vertical)mm	1428.48 (horizontal) ×803.52 (vertical) mm
	Color Degree	1.07B(8bit)	1.07B(8bit)	1.07B(8bit)	1.07B(8bit)
Lifespan	50,000Hours	50,000Hours	30,000Hours	30,000Hours	
System Properties	System Version	Android 11.0	Android 11.0	Android 11.0	Android 11.0
	CPU Architecture	CA53*2 +CA73*2	CA53*2 +CA73*2	CA53*2 +CA73*2	CA53*2 +CA73*2
	CPU Operating Main Frequency	1.5 GHz	1.5 GHz	1.5 GHz	1.5 GHz
	Number of CPU Cores	Quad-core	Quad-core	Quad-core	Quad-core

	GPU	G51MP2	G51MP2	G51MP2	G51MP2
	Internal Cache Capacity (RAM)	3 GB DDR4	3 GB DDR4	2 GB DDR4	2 GB DDR4
	Internal Storage Capacity (ROM)	32 GB Standard	32 GB Standard	32 GB Standard	32 GB Standard
Power Supply Parameters	Power Supply	100 V ~ 240 V/AC, 50/60 Hz 3A			
	Standby Power Consumption	$\leq 0.5W$	$\leq 0.5W$	$\leq 0.5W$	$\leq 0.5W$
	OPS Power Supply	18V(DC)/6.5A =117 W	18V(DC)/6.5A =117 W	18V(DC)/6.5A =117 W	18V(DC)/6.5A =117 W
Function	Accompaniment Power	8 $\Omega$ /10W*2	8 $\Omega$ /10W*2	8 $\Omega$ /10W*2	8 $\Omega$ /10W*2
	Power Switch	*1	*1	*1	*1
Built-in Camera Module	Maximum Effective Pixels	3840*2160/30fps (48 megapixels, backward compatible with 1080p/720p/480i and other common resolutions)			
	FOV(D) Viewing Angle	107° $\pm$ 3°	107° $\pm$ 3°	107° $\pm$ 3°	107° $\pm$ 3°
Built-in Microphone Module	Array Mac	8-array high resolution microphone			
	Effective Reception Range Distance	10 meters	10 meters	10 meters	10 meters
Input and Output Interfaces	LAN Interface	*1	*1	*1	*1
	VGA Input Interface	*1	*1	*1	*1
	PC-AUDIO Input Interface	*1	*1	*1	*1
	YPBPR	*1	*1	*1	*1
	AV IN	*1	*1	*1	*1
	AV OUT	*1	*1	*1	*1
	Earphone OUT	*1	*1	*1	*1
	RF-IN	*1	*1	*1	*1
SPDIF	*1	*1	*1	*1	



	HDMI Input	*3 (front 1 way)	*3 (front 1 way)	*3 (front 1 way)	*3 (front 1 way)
	Touch-USB	*2 (front 1 way)	*2 (front 1 way)	*2 (front 1 way)	*2 (front 1 way)
	Type-c	*1(Front, full function) Option			
	RS-232	*1	*1	*1	*1
	USB 2.0	*5 (front 3 way USB dual channel recognition)			
Environmental Factors	Operating Temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
	Storage Temperature	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C
	Operating Humidity	20% ~ 80%	20% ~ 80%	20% ~ 80%	20% ~ 80%
	Storage Humidity	10% ~ 60%	10% ~ 60%	10% ~ 60%	10% ~ 60%
	Maximum Usage Time	18Hours*7Days	18Hours*7Days	18Hours*7Days	18Hours*7Days
Structure	Net Weight	90kg	68kg	55kg	40kg
	Gross Weight	115kg	83kg	64kg	55kg
	Bare Machine Size (L*H*W)	2212.3MM *1315.8MM *105.9MM	1963.5MM *1179.7MM *93.4MM	1710MM *1022.6MM *89.6MM	1511MM *915MM *95.25MM
	Package Size (L*H*W)	2340MM *1450MM *230MM	2150MM *1290MM *230MM	1860MM *1160MM *215MM	1660MM *245MM *1045MM
	VESA Hole Compatibility	4-M8 Screw Hole 600mm*600mm			
	Case Material (face frame /back case)	Aluminum profiles/Sheet metal			
Language	OSD Menu	Simplified Chinese/English... .10+ languages			
Random Accessories	Wifi Antennas	*4	*4	*4	*4
	Writing Pen	*1	*1	*1	*1
	Remote Control	*1	*1	*1	*1
	Certificate of Conformity / Warranty Card	*1	*1	*1	*1
	1.8m Power Cable	*1	*1	*1	*1

#### IV.Touch Writing System

High-precision infrared touch frame with resolution up to 32768×32768 by interpolation algorithm; supports plug-and-play; supports twenty-point touch under both Android and windows systems.

Touch Parameters	Touch Specifications	Infrared touch frame
	Glass Specifications	4mm Tempered Glass
	Responsiveness	≤8ms
	Touch Accuracy	90% accuracy of center area ±1mm, 10% accuracy of edge area ±3mm
	Touch Diameter	≥2mm
	Input Method	Finger or special pen
Interface Type		USB 2.0 Full Speed
Operating Voltage		4.75~5.25V
Power Consumption		≤2 W