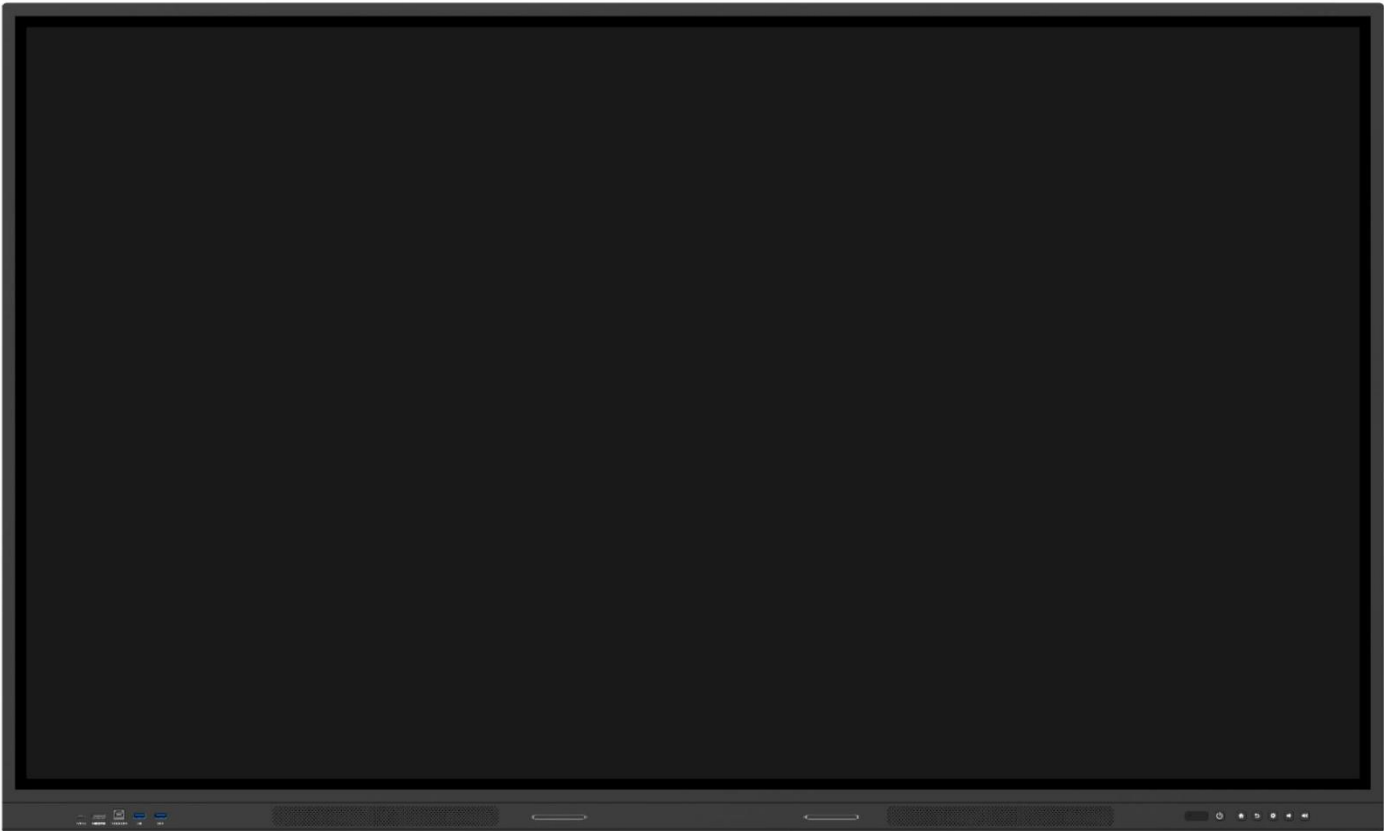


GAOKEview Interactive Flat Panel

Technical Specification- A12



Version	Description	Date	Fiction
V1.0		2024.12.27	

Product Features

- ◆.The distance between the tempered glass and the screen is close to 0, which preventing the reflection of light effectively, showing excellent effect and excellent writing experience.
- ◆.High accuracy touch screen, supporting 1 point 2.0mm precision writing and 6 points 2.8mm simultaneous writing.
- ◆.Writing height below 2mm to bring smoother writing experience.
- ◆.All-channel annotating, built-in Android writing software.
- ◆.Smart sidebar menu.Screen lock.
- ◆.Built-in Android system and optional with OPS computer module.
- ◆.Double LAN bridging, supporting Android, OPS (Windows system) and external PC realize network bridging.
- ◆.Front Type-C port.
- ◆.Front USB port auto switch follow android and OPS.
- ◆.Antenna hidden inside.
- ◆.HDMI screen to screen output Display. (Optional)
- ◆.4K UI display.

Display Parameter

Size	65inch	75inch	86inch
Backlight Type	D-LED	D-LED	D-LED
Panel Brand	BOE/LG	BOE/LG	BOE/LG
Resolution(pixels)	3840x2160	3840x2160	3840x2160
Brightness	≥450cd/m2(typ.)	≥450cd/m2(typ.)	≥450cd/m2(typ.)
Aspect Ratio	16:9	16:9	16:9
Contrast Ratio	1200:1	1200:1	1600:1/1200:1
Response Time	8ms (typ.)	8ms (typ.)	8ms (typ.)
Pixel Pitch (mm)	0.372(H)x0.372(V)	0.4296(H)x0.4296(V)	0.4935(H)x0.4935(V)
Refreshing Frequency	60Hz	60Hz	60Hz
Viewing Angle	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
Life Time	30,000 Hrs(min.)	30,000 Hrs(min.)	30,000 Hrs(min.)
View Area (mm)	1428.48(H)x803.52(V)	1649.66(H)x927.936(V)	1895.04(H)x1065.96(V)
Color Gamut (X% NTSC)	72%(NTSC)	72%(NTSC)	72%(NTSC)
Colorfulness	1.07G(8bit+FRC)	1.07G(8bit+FRC)	1.07G(8bit+FRC)

System

Chipset	MT9679	
CPU Architecture&Core&Working Frequency	CA73, Quad-core A73, Max 1.5GHz	
GPU	G52 MC1	
RAM	Standard: 8GB	
ROM	Standard: 64GB	Optional: 32GB / 128GB
OS	Android 14.0	
Power Requirements	AC 100 V ~ 240 V, 50/60 Hz	
65" Power Consumption Without OPS	310W	
75" Power Consumption Without OPS	350W	
86" Power Consumption Without OPS	440W	
Standby Condition	< 0.5W	
Audio Output Power	2x20W/6Ω	
(Audio Output Power)(optional)	20W/4Ω	
OPS Power	DC 18V/5A	

Front Interface

USB	x2	Version:USB3.0 Interface:Type-A
Touch USB	x1	Touch interface for HDMI Interface:USB2.0 Type-B
HDMI IN	x1	Version: HDMI2.1 Up to 3840x2160@60Hz
Type-C	x1	Power output:15W(5V/3A) Up to 3840x2160@60Hz Support DRP mode, Interface: Type-C

Rear Interface

HDMI IN	x3	Version: HDMI2.1(TMDs) Up to 3840x2160@60Hz HDMI1&HDMI2&HDMI3 Support CEC.HDMI3 Support ARC
DP IN	x1	Version:DP1.2a Up to 3840x2160@60HzMax Resolution:3840×2160@60Hz Version: DP1.2a
LAN	x2	Supports internet switch, To OPS(10M/100M/1000M), to Android(10M/100M/1000M) Interface: RJ-45
USB 2.0	x1	Support images, music, video file,Playback, only can use this USB port to upgrade.Interface:USB2.0 Type-A
USB 3.0	x1	Support images, music, video file playback. Upgrade are not supported, Interface:USB3.0 Type-A

Type-C	x1	DFP Mode only PD support 15W Max Resolution:3840×2160@60Hz Interface: USB Type-C
TOUCH	x2	Interface: USB2.0 Type-B
SPDIF	x1	Max speed: 16Mbps
RS232-IN	x1	RJ45RS232 Input Interface: DB9
MIC IN	x1	Supports MIC input under Android, which can mix with local multimedia for out put Interface: Φ3.5mm mini interface
SD CARD (Optional)	x1	Support TF Card Interface: Micro SD card socket
AUDIO OUT	x1	Analog audio output interface, enable output system audio. Output level: 110mVrms±40mVrms (@500mVrms 1KHz, load32 Ω) Interface: Φ3.5mm mini interface

WiFi&Bluetooth

WiFi Standard	Mediatek MT7663BU, 802.11a/b/g/n/ac
WiFi Operating Frequency	2.4GHz/5GHz
Bluetooth Standard	Built-in
Bluetooth Version	2.1+EDR/4.2/5.1

Touch Parameter

Touch Type	Infrared Touch Frame
Surface Protection	3.2mm toughened glass
Infrared Touch	Max 40 Points(under Windows system)
Interpolation Resolution	32768 x32768
Touch Accuracy	±1mm
Response Time	≤5ms
Output Mode	HID Standard
Theory Clicks	Unlimited
Minimum Touch Object	Single touch ≥ 2mm
	Multiple touch ≥ 2.8mm
Connect Type	USB2.0 Full Speed
Voltage	DC+5V±5%
Power Consumption	≤2W

Windows 11/10/8/7, Android	Multiple Touch
Windows XP,Linux, Mac OSX, Chrome	Single Touch

Structure Parameter

Size	65inch	75inch	86inch
Product Size (W x D x H)	1483.9x87.2x891.2mm	1705x87.2x1015.7mm	1950.4x87.4x1153.7mm
Package Size (W x D x H)	1640×185×1010mm	1860x185x1125mm	2095x185x1265mm
Housing Material(Face frame/rear shell)	Aluminum/Metal Plate	Aluminum/Metal Plate	Aluminum/Metal Plate
Shell color(Face frame/rear shell)	Black/Black	Black/Black	Black/Black
VESA	4-M8 Screw Hole 600mmx400mm	4-M8 Screw Hole 800mmx400mm	4-M8 Screw Hole 800mmx600mm
Net Weight/Gross Weight	40±1KG/52±1KG	53±1KG/72±1KG	68±1KG/82±1KG

Accessory

Remote Control	x1
Touch Pen	x2
Power Cord	x1
USB A-B Cable	x1
HDMI Cable	x1
Qualified Certificate	x1
Warranty Card	x1
Wall Mount	x1

Environment

Working Temperature	0 ~ + 40℃
Storage Temperature	-10℃ ~ +60℃
Working Humidity	20% ~ 80% Non-Condensing.
Storage Humidity	10% ~ 80% Non-Condensing.
Working Altitude	≤5000m
The longest service time	18 Hours×7 days

Warranty

Warranty Time	1 Years
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Disclaimer

1. Due to the influence of many aspects such as configuration and manufacturing process, the actual size/weight of this product may vary. The specification is for reference only, please refer to the actual situation.
 2. The product pictures attached to this specification are only for illustrative display, the actual effect (including but not limited to appearance, color, size) may be slightly different, please refer to the actual product.
 3. The packaging materials for this product are designed in strict accordance with the storage conditions of this product.
 4. Abnormalities caused by extreme weather and long storage time cannot be guaranteed to be completely avoided. Please be informed.
 5. Please store in strict accordance with the required storage conditions. Improper storage may cause abnormalities.
- In case of any situation involving the above modification and update, no prior notice will be given.



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