ONYX

ONYX 86" Interactive Whiteboard

OXIW4K86A14.0

The ONYX Interactive Whiteboard offers 4K resolution, 20-point touch interactivity, and Android/Windows compatibility. Ideal for meetings, teaching, and presentations, its versatile design supports wall mounting, stands, and both vertical or horizontal use, delivering seamless collaboration with a user-friendly interface.
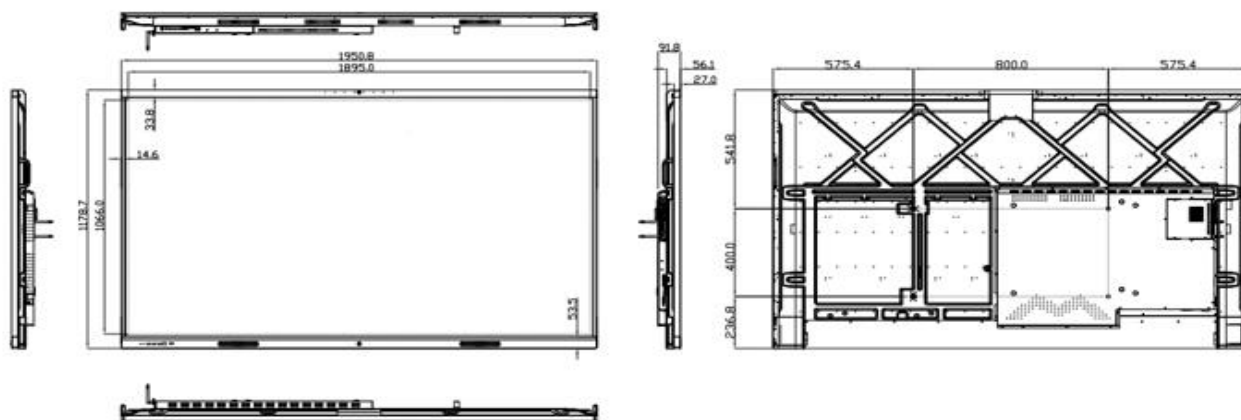
	Basic Model	OXIW4K86A14.0
Panel	Display size	86 inch (16:9)
	Display type	LED LCD display
	Screen display size	1895*1065.9mm 【HxV】
	Physical resolution	3840(H)×2160(V)
	Display color	10bit, 1.07B
	Refresh rate	4K-60HZ
	Brightness	350cd/m2
	Contrast	5000:1
	Viewing angle	178°
	Display type	Anti-glare + Blue Light Filter
	Backlight life	50,000 hours
Touch	Touch embed	Built-in integrated, non-external , front-disassembly design
	Touch sensing technology	Infrared sensing touch recognition technology (20 points)
	Writing style	Finger, touch pen or other non-transparent object with a diameter of not less than 5mm (multiple points 8mm)
	Cursor speed	120 points/s
	Positioning accuracy	More than 90% of the touch area is ±2mm
	Communication Interface	Type B USB male connector
	Touch resolution	32767*32767
	Touches	Theory unlimited times
	Computer response	System automatic identification; ≤ 15ms
	Driver	No need to drive
	Touch function	Support 20 -point computer touch operation Supports image enlargement, reduction, and rotation
	Speaker specifications	15W /8 ohm × 2 speakers - 100Hz to 20kH

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Main parameters	Operating system	Android 14.0
	CPU	A73*4+A53*4 (4 Core+4 Core)
	GPU	G52*8 (8 Core)
	Memory	8G
	FLASH	128GB
	WiFi	2.4G, 5G
	Bluetooth	Yes
	Michrophone	8 microphones, 10-meter ultra-long distance 180° sound pickup effect, Echo Cancellation
	Camera	4K high-definition interactive camera
	Physical interface	Network port input port: 1 group Network port output port: 1 group Android USB2.0 port: 1 set HDMI OUT port: 1 set VGA IN port: 1 set PC-AUDIO port: 1 group COAX port: 1 group RS232 port: 1 Touch3.0 ports: 2 TYPE-C port: 1 group HDMI IN port: 2 LINE OUT port: 1 Full channel USB 3.0 ports: 2 DP IN port: 1 group
	Front terminal input	Front interface: USB3.0*2, TOUCH OUT, HDMI IN, type-c Front button: one-button power on/off
	Other functions	Support full channel switching touch, touch menu, touch menu operation , touch volume adjustment, touch brightness adjustment Support sleep timer, shutdown memory Support one-touch energy saving [the screen is off but the all-in-one machine is in working state, and audio and video can be played normally] Support remote control child lock function Support one-touch power on and off of the computer and TV with the front button Support one-touch power off of the touch menu Supports USB 3.0 port on the front of the machine to connect external devices and use the built-in touch frame function of the machine
Machine Features	Shell and appearance	Aluminum frame design, front buttons, front ports, front speakers
	Color	Silver +Black
	Overall dimensions	1950.8*1178.7*91.8mm
	Package Size	2068*245*1288mm
	net weight	72KG
	Gross Weight	83KG
	Power supply	AC 100-240V, 50/60Hz
	Maximum power consumption rate	≤285W
	Standby power	≤0.5W
	Installation	Standard wall mount (mobile bracket optional)
OPS	CPU	I7,12th gen 12700, 12 cores and 16 threads
	Memory	32GB DDR4
	SSD	128GB
	Network	Wi-Fi 6 - 2.4/5 GHz, Bluetooth, 5G
Environment	workplace	Indoor
	Operating temperature	0°C - 40°C
	Working humidity	10% - 90% non-condensing
	Storage temperature	-20°C - 60°C
	Storage humidity	10% - 90% non-condensation
Warranty	Warranty Period	2 Year

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Machine dimensions Unit: mm

optional:

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