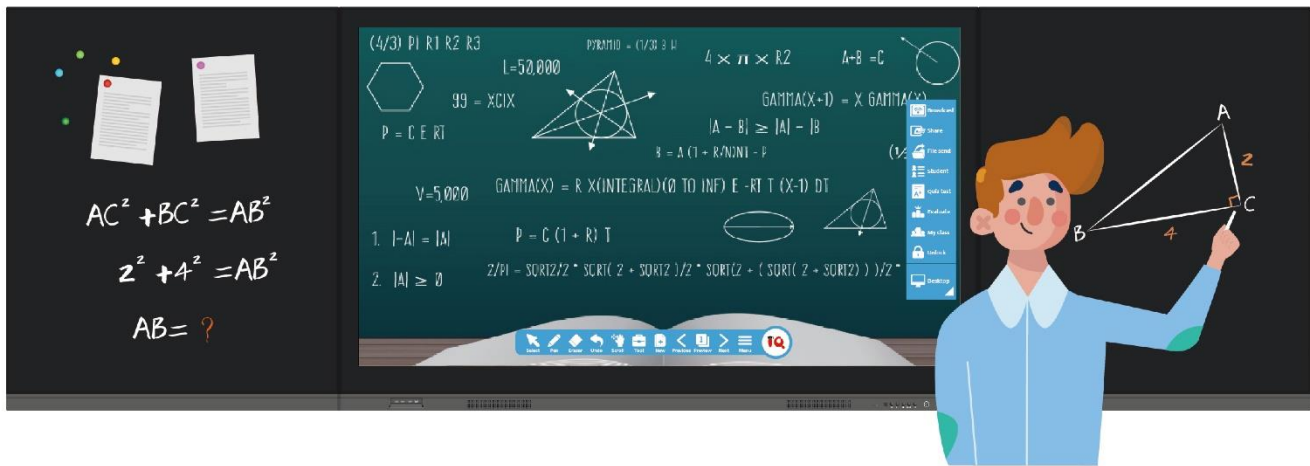# SINATTouch E.B —
Intelligent Blackboard

Touch Interactive Blackboard is a new design teaching machine integrating intelligent flat panel, built-in computer, android system and blackboard.

It adopts the latest capacitive touch technology to make the touch feel more real and fast.

The touch screen use anti-glare tempered glass and the entire blackboard can be written with ordinary chalk and dust-free chalk, which can be quickly erased.

20-point touch

4K UHD image display

Dual system- Android 11 system and Windows system of built-in OPS

Built-in whiteboard software of Android system

Built-in document camera software for annotation, comparison teaching etc.

Child lock can lock screen and front buttons synchronously

Plug-n-play multimedia devices for fast presentation with rich ports

Annotation under Android system, built-in OPS windows system and connected external computer

Specification

Model	LE086MF
Diagonal Size of Display Screen	86 inch
Black Board (R+L) + LED 86 inch	Total size 4.258*1.209*9.5 mm.
Aspect Ratio	16 : 9
LED Light Source	Backlight
Resolution	3840*2160
Brightness (type) / (min)	400cd/m^2
Contrast Ratio (type) / (min)	5000 : 1
Response Speed (type) / (min)	6ms
Color temperature	10000K
Depth of Color	10bit
Viewing Angel	178°(H), 178°(V)
Built-in	Camera	8 Million Pixel
	Array Microphone	6 Array
	Speakers	15W*2
Front Interfaces		HDMI*1, USB TOUCH*1, USB 3.0*2, Type-C*1 Multimedia Support 10W Charging
Input Interface		VGA*1 HDMI*3 (HDCP) RJ45*1 USB touch*1
		Type-C*1 Multimedia support 10W Charging
		USB 2.0*2 USB3.0*2 RS232*1 PC audio in*1
Output Interfaces		HDMI Out*1 Earphone&Line Out*1 SPDIF Out*1
Android	CPU & GPU	CPU: ARM Cortex A55 / 1.5GHz / Quad-core GPU : Mali G52
	Ram & Rom	Ram DDR = 4GB / Rom = 32 GB
	Version	Android 11
OPS (Optional)		I7 : 2.50 GHz Ram: DDR4 =16GB HDD: M.2 = 512 GB
Interactivity	Resolution	32768*32768
	Touch Points	20 Points (Windows touch 20 point and Android 20 point)
	Technology	Capacitive
	Touch Screen Sensing	Finger, Capacitance Pen
	Tempered glass	4MM. 7H anti-glare glass(middle) for touch, Reduce glare and Waterproof,
	Scanning Speed	95~105 fps
Power Supply		100~240V, 50~60 Hz
Life Time		60,000 Hour

Specification

Model	LEO86MF
OS	Windows 11 Pro + Android Version 11
Optional Accessories	Wireless Keyboard and Mouse, Remote control LED
Stand	Stand can move and lock support LED 86 inch
Other	Black board (Sides) can use Dustless chalk, Magnetic chalkboard for chalk writing
Menu Show on Screen LED	Home, Power, Volume+-
Software Writing (Window)	**SINAT Write** : support writing on LED All page and screen open **Save as File** (Export) : .PDF .jpg .bmp .emf .wmf .html .gif .png .cdf .cdp .tif .doc .ppt .xls .docx .xlsx .pptx .iwb .cdfx .donv
	SINAT Write : Can Writing on screen Have 40 Function : Pen have 10 Type, Rubber, Undo, Shape,Selection,Hand Move, Freedom Area infinity , Write to Text, Color, Text, Record Voice, Record Video all Screen, shape figure, Squares, triangles, circles, Can add page , Mathematics,etc. **Library** : Have clip art about 5000 picture , FLV file **QR Code** Encryption : save to PDF **Insert file** : **Image** png, jpg, **Video** file: MP4, AVI, **Sound** : MP3, WAV,WMA **capture** file : jpg
Software Share Screen Mobile to LED	**Eshare App Or Sinat Dongle :** Share Screen from mobile to LED and can control LED, Can upload file EX. File Image, Sound, Video to Windows system, Can open power, Can write, Share Screen
Application (Android)	**Whiteboard : Can writtting on screen** Have Function : Pen, Rubber, Undo, Redo
Accessories	**Wireless Dongle** — USB-A Wireless Dongle Share Screen For Android, iPAD, Notebook
	Wall Camera — Wall Camera Resolution 8 Million Pixel can connect LED and use software control
	Speaker — External Speaker Size 5 Inch 25W*2
Warranty	3 Years

CE FC RoHS

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