

Display 86

LINKVIL Smart Display

Datasheet

LINKVIL Display 86 all-in-one interactive display is designed for modern meeting and education environments, combining clarity, responsiveness, and ease of use. With a 4K Ultra HD display, it delivers sharp visuals and a wide viewing angle, while anti-glare tempered glass reduces reflections for comfortable viewing. The high-precision touch system ensures smooth, lag-free writing, enhanced by dual-pen support for real-time brainstorming and teaching. Features like wireless screen sharing, split-screen multitasking, and smart wake-on-signal enable seamless and efficient collaboration, while the customizable quick menu provides instant access to key functions for a more intuitive user experience.



Highlights

- 4mm Anti-Glare Tempered Glass: Reduces reflections and eye strain
- 4K Ultra HD Display: Full channel 4K UI rendering
- High-Precision IR Touch: Smooth, lag-free writing experience
- Wireless Screen Sharing
- Smart Wake-on-signal: Auto-activates via HDMI Network input in standby
- Split-Screen Mode: Work on dual tasks with expanded workspace
- Floating Quick Menu: Customizable shortcuts for one-tap access

Specifications

Display parameters	Screen size	86 inches
	Screen type	LCD
	Backlight type	Direct type
	Response time	8 milliseconds
	Display ratio	16:9
	Display area	1895 (width) × 1066 (height) mm
	Resolution	3840×2160
	Pixel pitch	0.4935x0.4935 (horizontal/vertical) mm
	Refresh rate	60Hz
	Color saturation	1.07G (8bits + Dithering)
	NTSC (Typ.)	72%
	Contrast ratio (Typ.)	1200:1
	Perspective	178° (horizontal/vertical)
	Brightness (Typ.)	400 nits
	Life cycle	≥ 50,000 hours
System Specifications	Operating system version	Android 16.0
	CPU	Quad core ARM Cortex-A72 + Quad core Cortex-A53CPU
	GPU	ARM Mali-G52 MC3
	NPU	Int4/int8/int16/FP16/BF16/TF32, Max. 6TOPS
	RAM+ROM	8GB RAM + 128GB internal storage
	OSD Language	Simplified Chinese, Traditional Chinese, English, Spanish, Korean, Japanese, Russian, Vietnamese, French, German, Italian, Dutch, Arabic, Indonesian, Kazakh, Polish, Portuguese, Thai, Ukrainian
Speaker	Audio channel	2.0
	Power output	8Ω 2x15W
Microphone	Number of microphones	8
	Pickup distance	8 meters
Touch parameters	Identification principles	Infrared recognition
	Touch points	Android 20-point touch PC system 40-point touch maximum
	Touch accuracy	±1mm (90% area)
	Touch diameter	7mm
	Input method	Finger, Opaque pen
	Response time	≤ 8 milliseconds single point
	Minimum Identifier	≤2 mm
	Activation height	≤1 mm
	Touch resolution	32767(W) x 32767(D)
	Communication interface	USB + Serial Port
Bluetooth	Version	5.0
	Frequency	2.4GHz
	Operating range	0–10 meters (open space)
Wi-Fi	Version	802.11ac/b/g/n/ax
	Frequency	2.4GHz/5GHz
	Operating range	0–10 meters
Front panel interfaces	USB-A 3.0	2
	HDMI input	1

	TOUCH 2.0	1
	USB-C input	1
	Button	Short press to turn on/off, long press to enter sleep mode.
Rear panel interfaces	COAX output	1
	TF Card	1
	USB-A 3.0	1
	USB-A 2.0	1
	EARPHONE	1
	RS232	1
	TOUCH 3.0	1
	HDMI input	2
	RJ45 input	1
	USB-C output	1
	MIC input	1
	HDMI output	1
	OPS	1
Power parameters	Voltage range	100V–240V. 50HZ or 60HZ
	Maximum power consumption	≤450W
	Standby power consumption	≤0.5W
General	Product dimensions	1952 ×1149 ×102 mm (length × width × thickness)
	Packaging dimensions	2050 × 1284 × 210 mm (length × width × height)
	Unit + Wall Mounting Thickness	127 mm
	VESA Hole Position Diagram	400x800 mm (Length× Width)
	Wall mounting screw specifications	M8×20 mm
	Net weight	55 KG
	Gross weight	72 KG
	Operating temperature	0℃–40℃
	Operating humidity	10%–90%RH
	Storage temperature	-20℃–60℃
	Storage humidity	10%–90%RH
	Maximum operating altitude	≤5000 meters
	Packaging contents	86-inch touch screen all-in-one display
		Remote
		Power cable
		HDMI cable
		Touch cable
		Stylus
		3 WiFi antennas
		Wall mount kit
		Quick Start Guide
		Safety Information and Statement
Certification		CE FC RoHS

About LINKVIL

As a sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps customers to achieve full connection of wireless communication systems and will build a wireless communication Eco-system for multi-scenarios to help different industries accelerate their digital transformation.

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More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.
For more information, please visit: www.fanvil.com

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