



Miboard_RK3576 Interactive Flat Panel

Miboard_RK3576 is an interactive touch screen, which uses infrared technology. It replaces projector and traditional interactive whiteboard. It creates smooth and natural writing experience. Our Miboard_RK3576 integrates with Transcreen, which can cast mobile phones, Ipads, tablets and laptops wirelessly to Miboard_RK3576.



Interactive whiteboard



Movable Stand



HDMI Cable



Touch Cable



Controller



Passive Pen



Power cable



OPS

Specification

Item	Description	MiBoard_RK3576
Panel	Diagonal Size	64.5 inch
	Backlight Type	D-LED
	Panel Technology	IPS
	Aspect Ratio	16:09
	Resolution	4K (3840 x 2160p @60Hz)
	Brightness	400 cd/m²
	Contrast Ratio	1200:1
	Dynamic Contrast Ratio	500,000:1
	Response Time	8ms
	Depth of Color	1.07 billion colors
	Viewing Angle	178° / 178°
	Life time	≥50,000 hours; Activity design 16/7
	Display Technology	Anti-glare and Anti-reflection
		Blue light filter
		Anti-fingerprint coating
		7 Mohs tempered glass
		Palm Rejection Technology: Disables unintentional hand touch inputs to ensure precise and uninterrupted operation
Touch	Touch Technology	Zero-gap infrared touch technology
		Interactive technology: Multi-touch technology
	Touch Points	50 simultaneous touch points
Operating System (OS)	CPU	4×Cortex-A53+4×Cortex-A72
	GPU	Multi-Core Mali-G52
	RAM	16GB
	Internal Storage	128GB eMMC
	Version	Android 14 or higher
	Wi-Fi	6 GHz
	Bluetooth	BT 5.2BLE

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Item	Description	MiBoard_RK3576
Power Supply	Power Input	100-240V AC 50/60 Hz
	Power Consumption	0.5 W (standby)
	Energy-saving feature	Smart Power
Connection port	I/O	HDMI in x3 (HDMI 2.0); USB Type-A x2 (USB 3.0); USB Type-A x1 (USB 2.0); USB Type-C x2; USB-C (up to 65W): Supports reverse charging for the computer and transmits video and audio signals to the display, including touch functionality; Audio in x1 (Jack 3.5mm); HDMI out x1 (HDMI 2.0); Audio out x1 (Jack 3.5mm)
	Other	RJ45; RS232C/RS232; USB Type-B x2; OPS slot
Size	Panel Size (mm)	1485x108x900
	Package Size (mm)	1625x190x1025
	VESA (mm)	500x400(M8)
Weight	Net weight (KG)	35 ±2
	Gross weight (KG)	40 ±2
Speaker	Total power 40W (20W x2) Microphone: 8-Microphone Array	
Languages	More than 10 languages, including Vietnamese and English	
Environment	Height: 0-3000m Operating Temperature Range: ~0 ~ 40 °C Storage Temperature Range: ~ -20 ~ 60 °C Operating Humidity Range [RH]: ~20 ~ 80% (non-condensing) Storage Humidity Range [RH]: ~5 ~ 95% (non-condensing)	
Accessories	Remote Control x1, Power cable x1, HDMI cable x1, Touch Cable x1, Passive pen*2, Wall mount x1, Wireless mouse & keyboard, Jack 2-in-1 connector	
Warranty	5 years according to manufacturer standards	
Pre-installed Software / Applications	Web Browser Office document viewer Wireless projection / presentation software Device management software System cleanup and resource optimization tool	

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Item	Description	MiBoard_RK3576
SLOT IN PC (OPS)	CPU	Intel® Core™ i5 (12th Gen)
	RAM	8GB Ram DDR4
	Storage	256GB SSD (M2 NVMe PCIE)
	I/O port	Displayport 1.4 x1; HDMI x1; Audio + MIC: 3.5mm jacks x2 (1 audio, 1 microphone), supporting a 2-in-1 connector via an adapter to provide audio and microphone connectivity; RJ45 x1 (10/100/1000 Mbps); USB Type-A 3.1 x2; USB Type-A 2.0 x2; USB Type-C 3.1 x1 Wifi/ Bluetooth: Intel AX101WiFi 6 + BT5.2
	Operating System	Pre-installed genuine Windows 11 Pro
	Integrated Slot-In PC: Fully compatible internal module for seamless display integration. Supports synchronized power on/off via remote control or front physical buttons. Automatically shares USB and LAN signals with the interactive display, simplifying setup and cable management	
	Hardware Security: Integrated Trusted Platform Module (TPM 2.0)	
	High-speed Connectivity: Built-in Wi-Fi 6 for fast internet access	
Interactive Software	Annotation & Writing Tools: Writing pen, drawing, eraser, highlighter, laser pointer, mouse mode, moveable toolbar, virtual keyboard	
	Support Tools: Magnifier, mask mode (screen shade), ruler, 180° protractor, compass, set square (Eke), calculator, countdown timer, HTML programming, QR code generator, note-taking, live camera insertion into whiteboard	
	Quick Search Tools: Web, Wikipedia, Wiktionary, Google Maps, GeoInfo, and image search engine	
	Interactive Support Library: Matching images with audio, matching images with text, demonstrating quantity increase and decrease concepts	
	Screen Recording: Built-in screen recording function	
	Desktop Annotation Feature: Quick toggle between whiteboard mode and desktop mode; Writing pen, highlighter, eraser, and laser pointer tools; Screen capture and area selection saving	
	Media Insertion: Direct insertion of images, audio, and videos from the built-in library or local computer folders	
Complementary Software	Interactive Educational Resource Library: A collection of interactive practice apps for Physics, Chemistry, Biology, Mathematics, and Science	Visual & Interactive Learning: Illustrates and sketches academic models and concepts visually and interactively to engage students
		Diverse Content & Vietnamese Interface: Includes various presentation formats with a Vietnamese user interface (e.g., Circuit Assembly Kit, Energy Transformation Models, Color Vision, Capacitors, pH Measurement, Gravitational Force, Motion of Objects, Function Graphs, Fractions, Semiconductors, Vector Addition, Neurons, Pressure, etc.)
		Offline Mode: Fully supports offline usage when no internet connection is available

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Item	Description	MiBoard_RK3576
Features	ScreenShare: Effortless wireless screen sharing from mobile devices to the display (Compatible with AirPlay, Google Cast, and Miracast)	
	Presence Sensor: Energy-saving presence sensor that automatically switches the display to dark mode when people leave	
	Google EDLA Certified Applications: Licensed Google EDLA certification enabling access to the Google Play Store and apps such as Google Search, Google Drive, Chrome, YouTube, Google Calendar, Google Maps, Google Meet, etc	
	Built-in Whiteboard application	
	Split Screen: Supports dual-app side-by-side execution	
	Built-in Search Tools: Integrated with YouTube, Google Images, Google Web Links, and more	
	PIP (Picture-in-Picture) function	
	Screen freeze function	
	Screen recording function	
	Drawing and geometric shape tools	Adjustable pen strokes: solid line, dashed line, etc
		Geometric shape drawing: square, circle, triangle, cylinder, hexagon, etc
	File saving features	QR Code scanning: Direct saving to mobile devices
		Direct saving to internal storage or USB drive
	Desktop annotation tool: Direct on-screen annotation over any desktop content	
	Writing, erasing, and saving tools	Customizable stroke thickness and pen colors
		Area eraser and clear-all functionality
		Direct saving options: internal storage, USB drive, or mobile saving via QR code
	Display interface language: Multi-language support, including Vietnamese	
	Dual Stylus Pens included: Supports simultaneous writing with two distinct colors and stroke thicknesses	

