

86" SMART INTERACTIVE WHITEBOARD FOR BUSSINES



Wireless Screen Sharing

Quickly share content wirelessly from laptops, tablets and smartphones for easier presentations and teamwork.

Integrated Collaboration System

Built-in Android 14 platform with powerful hardware enables smooth multitasking, whiteboard functions and media management.

Built-in Camera & Microphone Array

Integrated 48MP camera and 8-array microphones provide clear video conferencing and intelligent voice pickup.

Premium Anti-glare Design

Durable anti-glare tempered glass reduces reflections and improves visibility in classrooms and conference rooms.

WiFi 6 & Bluetooth Connectivity

Advanced wireless connectivity ensures stable performance, fast transmission and seamless device integration.

Flexible Installation

Available in multiple sizes and suitable for classrooms, conference rooms, training centers and smart office environments.

Series Overview

The ReteHUB Interactive Display Series is designed for modern classrooms, meeting rooms and collaborative environments. Combining 4K Ultra HD visuals, responsive multi-touch technology and advanced wireless connectivity, ReteHUB creates a smarter and more efficient way to present, teach and collaborate.

The name ReteHUB represents the idea of a connected collaboration center:

- Rete symbolizes network, connectivity and smart interaction.
- HUB represents a central platform where people, devices and ideas come together.

With Android 14, integrated wireless sharing, powerful hardware and premium anti-glare design, ReteHUB delivers a seamless all-in-one interactive experience for education and business users.

The series is available in:

- 65"
- 75"
- 86"
- 98"

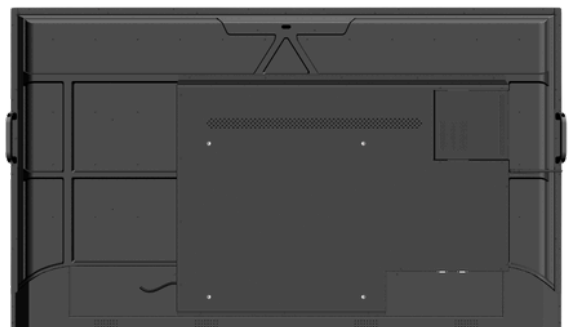
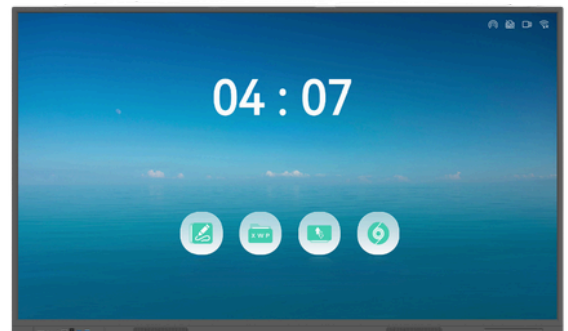
Functions

4K Ultra HD Display

Crystal-clear 4K resolution with vivid colors, high brightness and wide viewing angles for an immersive visual experience.

Multi-touch Interactive Writing

High-precision infrared touch technology supports smooth writing, annotation and collaboration with finger or stylus input.



Technical specification

Built-in System

Operating system	Android 14
CPU	Quad core Cortex-A73, 1.5 GHz
GPU	MaliG52MC1
RAM	4GB
ROM	32GB / 128GB
Audio Format	MPEG1 Layer I/II, AAC-LC, WMA
Video Format	MPEG-2/4, AVS, H.264, H.265
OSD UI Languages	English, Arabic, Russian, Chinese

LCD Panel

Screen Size	86"
Panel Brand / Model	BOE
Resolution/ Aspect Ratio	3840x2160 / 16:9
Active area	1209.6 x 680.4 mm
Backlight Type	Direct LED (DLED)
Brightness	320 nits
Contrast Ratio	5000:1
Pixel Pitch	0.105 x 0.315 mm
Response Time	8 ms
Viewing Angle	89° / 89°
Display Colors	10bit + FRC, 1.07B colors
Panel Frame Rate	60Hz
Color Gamut	72% NTSC
Brightness Uniformity	≥70%
Life Time	100000 hrs

Device Ports

HDMI Input	1 × front + 2 × rear
HDMI Output	1 × rear
DP Input	1
SPDIF	1 × rear (optical socket)
Type-C	1 × front + 1 × rear
RS232	1
VGA IN	1
USB Universal Serial Bus	1 × USB2.0 (front) + 1 × USB2.0 (rear) + 1 × USB3.0 (front) + 1 × USB3.0 (rear)
Touch-USB	1 × front + 2 × rear
Audio Output (Earphone)	1 × rear
PC Audio IN	1 × rear
MIC IN	1 × rear
Ethernet Input	2 × RJ45
WiFi Aerial	WiFi6 + Bluetooth 2.1
OPS/LOCAL OUT	1
TF Card	1

Touchscreen

Touch Technology	Non-contact infrared sensor technology
Numbers of Touch	Android: 40 points / Windows: 20 points
Touch Active Area	0.2 mm
Interpolation Resolution	32767 × 32767
Touch Accuracy	±1 mm
Input Method	Finger, opaque body, stylus

Connection Type	USB / UART
Support System	Windows XP/7/8/10/11, Android, Linux, IOS, Chrome
Response Speed	<6 ms
Touch Durability	Unlimited time

Camera

Photosensitive Chip	48M 1/3.06"
Pixel Size	1.12 μm \times 1.12 μm
Minimum Illumination	0.1 Lux
F Number	F2.2
EFL	FF
FOV	117°
Maximum Resolution	8000 \times 6000
Support Function	60
Frame Rate	30 fps

MIC

Microphone Type	Linear equidistant array microphone
Number of Microphones	8
SNR	67 dB
Sensitivity	-26 dB
Pickup Distance	10 m
Sampling Rate	16 kHz
Sampling Bits	16 bit
Support Function	Echo cancellation, noise suppression and auto gain control ensure clear, precise audio

Speaker

Output Power	30W (15W \times 2)
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General

Power Input	AC 100–240V 50/60Hz
Operation Consumption	\leq 180 W
Standby Consumption	<0.5 W
LED Indicator Light Mode	Power on: Blue / Power off: Red
Main Power Switch	Yes

Mechanical

Anti-glare Toughened Glass	3.2 mm
Surface Treatment / Color	Anodic Oxidation
Cabinet Material	Aluminum alloy surface box, hardware back cover
Wall Mounting Hole	400 \times 400 mm
Complete Machine	1252 \times 825 \times 75 mm

Accessories

HDMI Cable	1x
USB Cable	1x
Power Cord	1x
Instruction Manual	1x
Warranty Card	1x
Certificate of Approval	1x
Pen	2x
Wall Mounting Kit	1x

Packing information

Packing Size	1380 × 227 × 890 mm
Gross Weight	31 kg
Net Weight	25 kg

Operating Environment

Storage Temperature	-20°C ~ 60°C
Operating Temperature	0°C ~ 40°C
Operating Humidity	10~90% RH
Altitude	<2000 m

Certification

CB	Yes
3C	Yes
ISO9001	Yes
ISO14001	Yes
FCC	Yes
Energy Star	Yes
ETC	Yes

Dimensions (mm)

