

SPARQ

SMART INTERACTIVE SCREEN

Product Data Sheet



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Key Features

SPARQ

-  4K Ultra HD Display (110–65")
-  Up to 40-point multi-touch for collaborative work
-  Powerful built-in audio (dual speakers + subwoofer + 8-mic array)
-  Supports Windows, Android, Mac, ChromeOS, and Linux
-  Smart tools: NFC, fingerprint recognition and environmental sensors
-  Durable anti-glare glass with Mohs-7 hardness
-  Wide 178° viewing angle and 50,000-hour lifespan



Processor Specifications

SPARQ

(65)(75)(86)(98)(110) inch

-  **CPU (Processor):** Octa-core: 4× Cortex A76 + ×4 Cortex A55, up to 2.4GHz
-  **GPU (Graphics):** Mali-G610 MC4
-  **NPU (AI Accelerator):** 6 TOPS
-  **RAM:** 32GB DDR4
-  **Storage:** 256GB SSD (Flash)

CPU 8-core architecture with 4× Cortex-A76 and 4× Cortex-A55 cores, up to 2.4 GHz.
Delivers balanced performance and power efficiency for multitasking and media processing.

GPU ARM Mali-G610 MC4 graphics processor.
Supports high-resolution rendering, advanced 3D graphics, and smooth video playback.

NPU Integrated 6 TOPS Neural Processing Unit.
Accelerates AI workloads such as image recognition and real-time inference.

Dimension & weight



Net Weight (KG±2)

65 inch	45
75 inch	55
86 inch	70
98 inch	110
110 inch	120

Gross Weight (KG±2)

65 inch	55
75 inch	68
86 inch	85
98 inch	120
110 inch	130

Screen Dimensions (WxDxH)

65 inch	1470.9 x 97.5 x 897.5 mm
75 inch	1692.1 x 97.5 x 1021.9 mm
86 inch	1943.4 x 97.5 x 1166 mm
98 inch	2216.1 x 106.5 x 1316.2 mm
110 inch	2500 x 108 x 1476 mm

Dimensions Package (WxDxH)

65 inch	1622 x 190 x 1038 mm
75 inch	1842 x 190 x 1163 mm
86 inch	2090 x 190 x 1307 mm
98 inch	2377 x 220 x 1486 mm
110 inch	2680 x 340 x 1780 mm

Display Specifications



	65 inch	75 inch	86 inch	98 inch	110 inch
Bezel color:	Aluminum frame (White color)				
Panel type:	Ultra HD Direct type LED				
Active area (mm):	1428.48 H × 803.52 V	1649.66 H × 927.93 V	1895.04 H × 1065.96 V	2187.8 H × 1242.8 V	2436.48 H × 1370.52 V
Resolution:	3840 × 2160/60hz	3840 × 2160/60hz	3840 × 2160/60hz	3840 × 2160/60hz	3840 × 2160/120hz
Pixel Pitch:	0.372 × 0.372 mm	0.429 × 0.429 mm	0.4935 × 0.4935 mm	0.5622 × 0.5622 mm	0.6435 × 0.6435 mm
Hardness Glass:	Mohs-7 level				
Glass Panel:	Anti-Glare glass with zero bonding				
Aspect Ratio:	16:9				
Contrast Ratio:	1200:1 (type)				
Brightness:	400 cd/m ²				
Color depth:	1.07 billion colors				
Viewing angle:	178°				
Lifespan:	50,000 hours				

Touch Type

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-  **Touch Technology:** IR touch & palm rejection
-  **Multi Writing:** Max 20 points (Windows)
-  **Auto-Calibration:** 
-  **Minimum object size:** 2 mm
-  **Supporting OS:**  Windows 7/8/10/11 | android  |  Mac |  Linux |  chromeOS
-  **Multi Touch:** Max 40 points (Windows)
-  **Touch Precision:** 1 mm (over %90 Area)
-  **Anti-light:** 
-  **Touch Response Time:** First Point <2 ms, Continuation < 8 ms

Sound

(65)(75)(86)(98)(110) inch

 **Front Speakers:** 15W × 2 (30W × 2)  **Subwoofer:** 20W × 1  **Total Power Amplifiers:** 60W

Microphone

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(65)(75)(86)(98)(110) inch

- 📏 **Type:** Wide-area microphones
- 🔊 **Number of Microphones:** 8
- 🔄 **Auto switch (Windows/Central):** ✓
- 🔌 **Disconnectable:** ✓
- 🔊 **Auto tracking sound:** ✓

Camera

(65)(75)(86)(98)(110) inch

- 📷 **Number of images:** 4800M (AI) / 6400M
- 📷 **Maximum resolution and frame rate:** 3120 × 4208 (30fps)
- 📷 **FOV (field of view):** 120° ultra wide
- 📷 **AI Tracking:** ✓
- 📷 **Auto Framing:** ✓



Front Side Connections

(65)(75)(86)(98)(110) inch

Front Ports:

- USB 3.0 × 2
- Touch × 1
- HDMI Out × 3
- USB-C × 1

NFC: ✓

Fingerprint: ✓

Front Keys:

- Power on/off
- Signal source
- Setting
- ECO
- Menu
- Volume down
- Volume up



Bottom Side Connections

(65)(75)(86)(98)(110) inch

- RJ45 OUT × 1
- RJ45 IN × 1
- SPDIF OUT × 1
- MIC IN × 1

Wireless presentation dongle (optional)

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Product Line	Wireless Presentation Button
Model number	ES06T-C
WiFi	5 GHz & 2.4 GHz
Authentication protocol	WPA2 (WPA2-PSK Pre-Shared Key) / WPA2-Enterprise
DDR	DDR512 3 MB
AV Virtualization	Wirelessly virtualize AV conference system devices such as camera, microphone, speaker, and display to the user's laptop
LED	Blue / Green / Red
Video Outputs	DPI.2, eDPI.4, comply with HDCP
Frame Rate	Up to 60 fps depending on environment (FHD) and 30 fps for 4K
Output resolution	1080×1920 ,720×1280 ,576×720 ,480×720 (1080P), 2160×3840 480p, 576p, 720p, 1080p, 4K — PC timing: ,600×800 ,480×640
Input source	2160×3840 ,1080×1920 ,720×1280 ,768×1024
Noise level	Max 28 dBA
Audio	Compatible audio



Wireless presentation dongle (optional)

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Wireless transmission protocol	IEEE 802.11 a/g/n
Wireless data rate	Up to 400 Mbps
Frequency band	2.4 GHz and 5 GHz
Mouse cursor control back	✓
Touch control back	Support 10 points
OS support	Windows 11/10/8.1/8/7, macOS, Chrome OS, Linux OS, Android OS (any OS that supports full-featured Type-C)
Type-C interface	Full-featured Type-C
Input voltage	5 V (Type-C power supply)
Current consumption	0.9 A
Power consumption	4.5 W max
Temperature range	Operating: 0 °C – +40 °C; Storage: –20 °C – +60 °C
Dimensions	176 mm × 58 mm × 17 mm
Net weight	75 g



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