



Product overview



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This chapter provides basic information about the digital signage ST04 series.

Specifications

IMPORTANT

Modifying the hardware or software of your BenQ product invalidates the warranty. BenQ is not responsible for any damage or data loss caused by the unauthorized modifications to both and hardware and software and the installation of third-party add-ons and applications.

Panel	ST4304	ST5504	ST6504
Screen size	43"	55"	65"
Panel type	ADS	ADS	ADS



Resolution	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels
Active area	941.2 × 529.4 mm	1209.6 × 680.4 mm	1428.5 × 803.5 mm
Response time	8 ms	8 ms	8 ms
Aspect ratio	16:9	16:9	16:9
Orientation	Landscape and Portrait	Landscape and Portrait	Landscape and Portrait
Contrast ratio	1,200:1	1,200:1	1,200:1
Color depth	10-bit	10-bit	10-bit
Color gamut (CIE 1976)	72% NTSC, 99% sRGB	72% NTSC, 99% sRGB	72% NTSC, 99% sRGB
Panel brightness (without glass)	350 nits	350 nits	350 nits
Backlight life	30,000 hrs	30,000 hrs	30,000 hrs
System	ST4304	ST5504	ST6504
CPU	4 × Arm Cortex-A73	4 × Arm Cortex-A73	4 × Arm Cortex-A73
GPU	Arm Mali-G52 MC1	Arm Mali-G52 MC1	Arm Mali-G52 MC1
Memory	4 GB	4 GB	4 GB

Storage	32 GB	32 GB	32 GB
Operating system	Android 14	Android 14	Android 14
Connectivity	ST4304	ST5504	ST6504
USB Type-A	2 × 2.0	2 × 2.0	2 × 2.0
HDMI (in out)	2 × HDMI 2.0 0	2 × HDMI 2.0 0	2 × HDMI 2.0 0
Audio out	1 × 3.5 mm audio out jack	1 × 3.5 mm audio out jack	1 × 3.5 mm audio out jack
RS-232 (in out)	1 0	1 0	1 0
Ethernet	1 × 10/100 Mbps (Android)	1 × 10/100 Mbps (Android)	1 × 10/100 Mbps (Android)
Built-in peripherals	ST4304	ST5504	ST6504
Speaker	2 × 12 W	2 × 12 W	2 × 12 W
IR sensor	1	1	1
Power	ST4304	ST5504	ST6504

ENERGY STAR®	Yes	Yes	Yes
Power	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Standby power consumption	< 0.5 W	< 0.5 W	< 0.5 W
Typical power consumption	60 W	71 W	76 W
Physical	ST4304	ST5504	ST6504
Dimensions (W × H × D)	965 × 554.9 × 59.1 mm (38 × 21.9 × 2.3 inch)	1234.2 × 706.7 × 58.9 mm (48.6 × 27.8 × 2.3 inch)	1452.9 × 829.2 × 59.7 mm (57.2 × 32.7 × 2.4 inch)
Shipping dimensions (W × H × D)	1075 × 683 × 127 mm (42.3 × 26.9 × 5 inch)	1386 × 845 × 130 mm (54.6 × 33.3 × 5.1 inch)	1635 × 987 × 159 mm (64.4 × 38.9 × 6.3 inch)
Weight (product shipping)	7.9 kg 11.7 kg (17.4 25.8 lbs)	12 kg 17.4 kg (26.5 38.4 lbs)	16.9 kg 25.3 kg (37.3 55.8 lbs)
Mount (screws)	VESA 200 × 200 mm (4 × M6 × 15 L)	VESA 400 × 200 mm (4 × M6 × 15 L)	VESA 400 × 400 mm (4 × M6 × 15 L)
Environment	ST4304	ST5504	ST6504
Storage temperature	-10°C - 60°C -14°F - 140°F	-10°C - 60°C -14°F - 140°F	-10°C - 60°C -14°F - 140°F

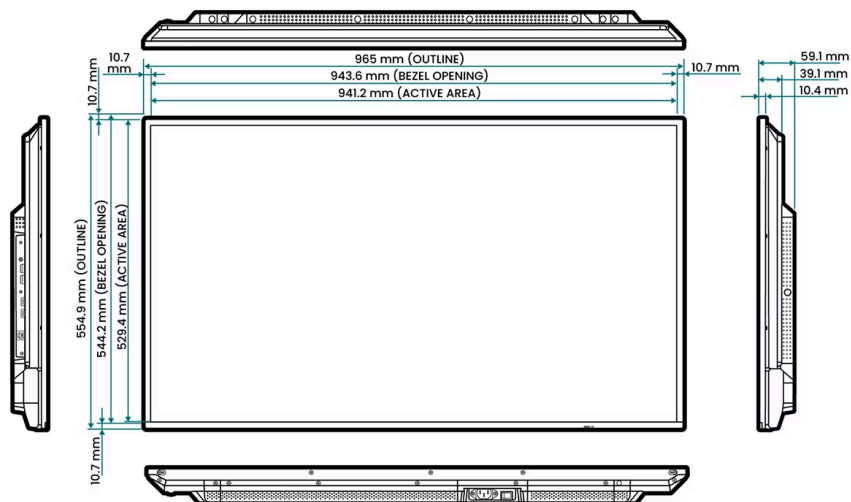
Operating temperature	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F	0°C - 40°C 32°F - 104°F
Storage humidity	10%~80% RH non-condensing	10%~80% RH non-condensing	10%~80% RH non-condensing
Operating humidity	10%~80% RH non-condensing	10%~80% RH non-condensing	10%~80% RH non-condensing
Software	ST4304	ST5504	ST6504
Wireless screen sharing	InstaShare 2	InstaShare 2	InstaShare 2
Device management	DMS	DMS	DMS
Content management	X-Sign	X-Sign	X-Sign
Accessories	ST4304	ST5504	ST6504
Cables	• 1 × HDMI (1.5 m 4.9 ft) • 1 × RS-232 (1.8 m 5.9 ft) • Power cord (by SKU)	• 1 × HDMI (1.5 m 4.9 ft) • 1 × RS-232 (1.8 m 5.9 ft) • Power cord (by SKU)	• 1 × HDMI (1.5 m 4.9 ft) • 1 × RS-232 (1.8 m 5.9 ft) • Power cord (by SKU)
Remote control	1	1	1

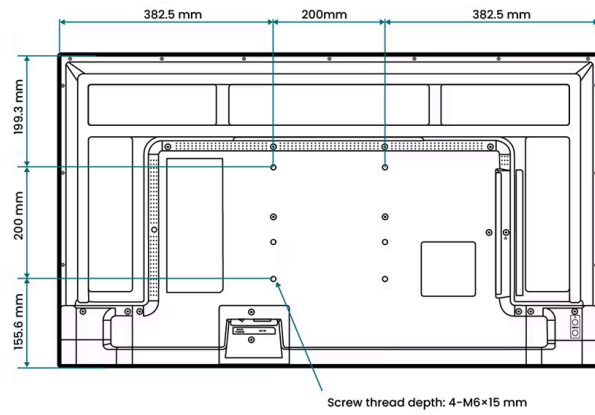
NOTE

Specifications and features are subject to change without notice.

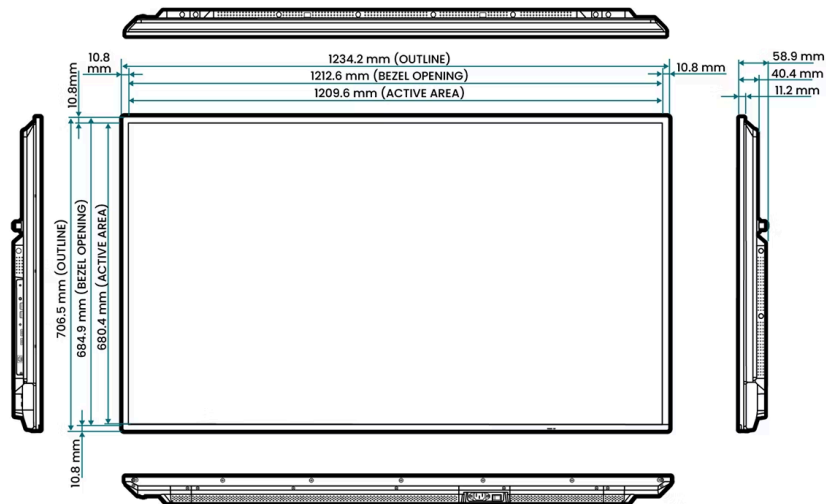
Dimensions

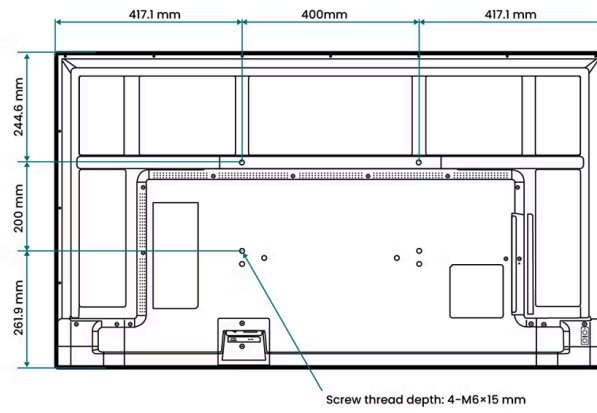
ST4304



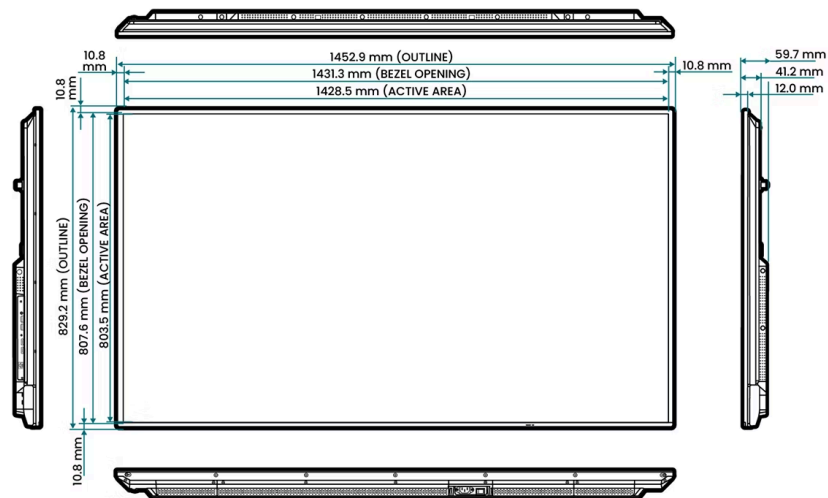


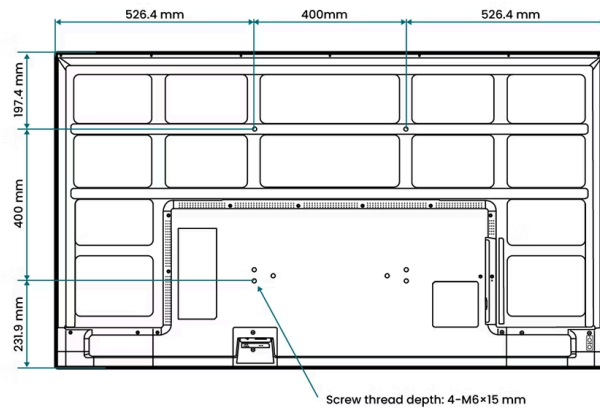
ST5504





ST6504





Package contents

Verify all the contents after opening the package. If any item is missing or damaged, please contact your dealer immediately.



LCD monitor



Remote control



Power cord*



HDMI cable × 1

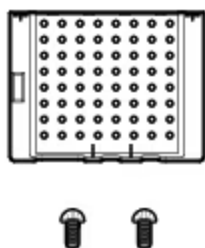


RS-232 cable × 1



User documents

- Quick start guide
- Regulation sheets



WiFi cover with screws

NOTE

* The type and quantity of power cord may differ depending on the region of purchase.

- Available accessories and the pictures shown here may differ from the actual contents and the product supplied for your region. And the package contents may subject to change without prior notice. For cables that are not supplied with your product, you can purchase them separately.

IMPORTANT

- Ensure that there are no accessories left inside the box before discarding the packaging.
- Do not leave plastic bags within reach of young children or babies.
- Dispose of packaging materials wisely. Consider recycling the cardboard carton or storing the package for future transport of the display.

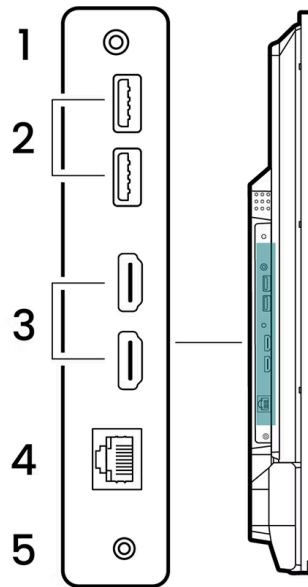
Components

Front panel



1. IR sensor
2. Power status light

Left panel



1. 3.5 mm audio out jack¹
2. USB 2.0 Type-A ports²
3. HDMI in ports³
4. Gigabit Ethernet ports⁴
5. RS-232 in port

NOTE

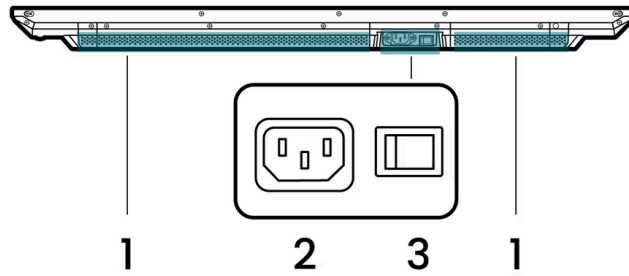
¹ The 3.5 mm audio out jack does not support audio input, including microphone input from headset devices.

² These USB 2.0 Type-A ports are dedicated for the Bluetooth Wi-Fi adapter.

³ The HDMI 1 port supports HDMI ARC.

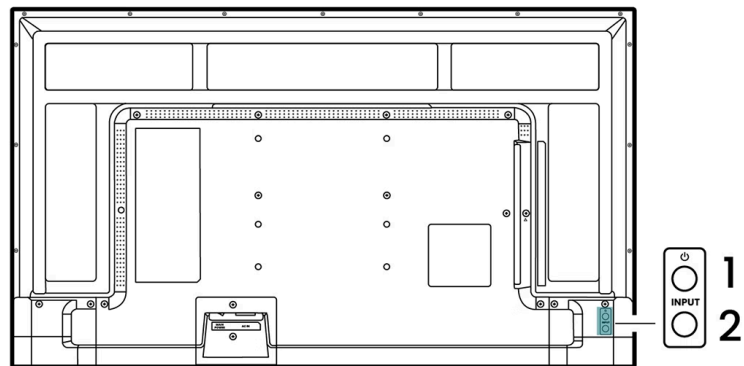
⁴ The Gigabit Ethernet ports support data transfer speeds of 10/100 Mbps.

Bottom panel



- 1. Speakers
- 2. Power input
- 3. Power switch

Rear panel



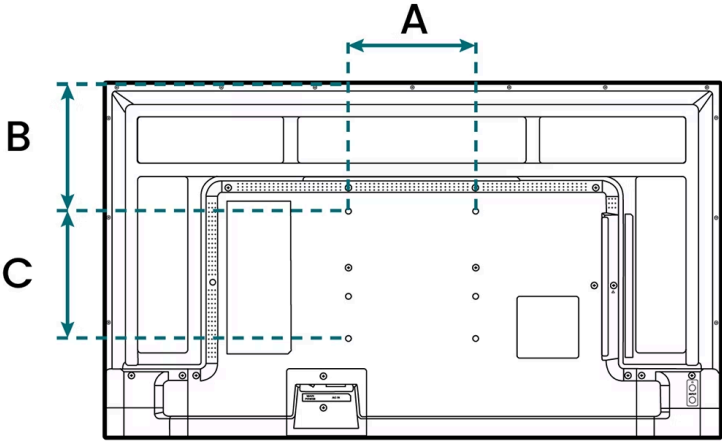
- 1. Power button
- 2. Input button¹

NOTE

¹ Users can press the input button to switch between input sources. For details, see Switching the input source.

VESA specifications

Screw size: M6 × 15 L



Dimension	43"	55"	65"
A	200 mm	400 mm	400 mm
B	199.3 mm	244.6 mm	197.4 mm
C	200 mm	200 mm	400 mm

Installation requirement

Category	Item
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Environment	• Room temperature: 0 to 40°C (32 to 104°F) • Non-condensing relative humidity: 10 to 80% • Flat, anti-static surface with no exposure to direct sunlight, liquids, and chemicals
Hardware and peripherals	Wireless USB adapter and/or Ethernet cable
Tools	• Scissors • Phillips screwdriver • Padding • Anti-static wrist strap

Setting up the display

1. Place the display in an environment that meets the requirements.

For details, see [Installation requirements](#).

2. Add the display to DMS.

For details, see [Adding the display to DMS](#).

3. Unbox the display.

For details, see [Unboxing](#).

4. Mount the display.

For details, see [Mounting](#).

5. Install any additional accessories and peripherals.

For details, see the following topics:

- [Adaptor](#)

6. Connect the power cord and all applicable cables.

7. Power on the display.

For details, see [Powering on the display](#).

8. Set up launcher.

For details, see [Setting up launcher](#).



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