BenQ

RE04 Series

RE6504 | RE7504 | RE8604

BenQ ClassroomCare®

Empowering students and teachers a healthy learning environment

Your first Google EDLA certified BenQ Board !

Hong Kong's No.1 large interactive flat panel, the sales champion for 9 consecutive years (2015-2023), has maintained its dominance by capturing 50% of the market share in Hong Kong in 2023.
*Source: Futuresource 2023 report

BenQ Unique Input

- USB-C
  - Support up to 65w charging
  - Display+Audio+Touch all in one cable
- Unique 20W x 2 sound bar design

Eyes & Dust Protection

- Unique low blue light technology with TUV certified
- Flicker-Free provide maximum eye care protection
- IP5X dust protection with IEC standard 60529

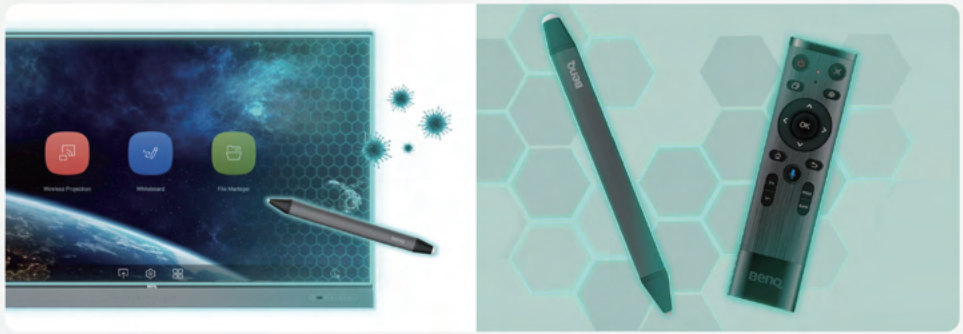
Germ-resistant

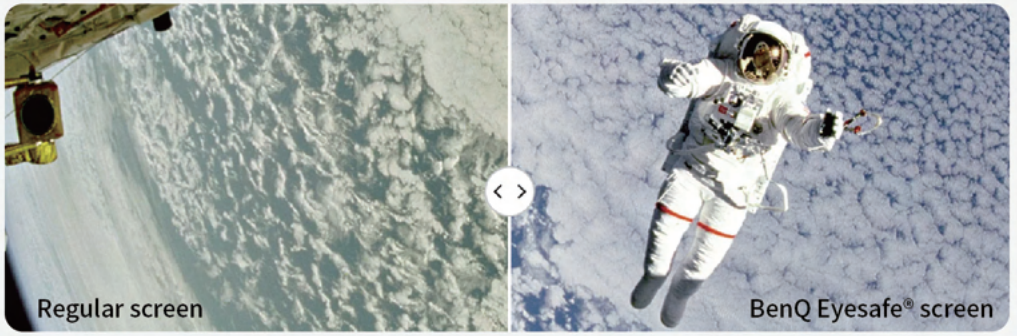
- Germ resistance with SIAA and TUV certified
- Multilayer coating of the non-toxic, enduring nano ionic silver agent that kills most germs accumulating on screen surfaces and prevent cross-infection or epidemic in classrooms
- The ionic silvers antimicrobial feature remains effective even after through cleaning or long periods of use
- Screen and stylus equipped by germ resistance coating

Low Blue Light

Flicker-Free

Anti-Glare





Google EDLA Certified

- Access your favorite educational apps with pre-installed core Google services.
- Google Play Protect safeguards your device and prevents installation of potentially harmful apps and malware.
- Directly use video conferencing software like Teams/ Meets, or YouTube/ Google Calendar applications that require Google services.
- Officially certified by Google: https://storage.googleapis.com/play_public/supported_devices.html

1

Device Management System (DMS)

- Benefit from lifetime cloud-based device management.
- Control your display through the AWS website with a simple login, no software installation required.
- Easily deploy Wi-Fi SSID/ Screen preferences/ Scheduling and more without turning on each individual device.
- Remote control capabilities for app usage and blocking, as well as OTA Firmware updates.
- Dashboard provides insights on Power consumption/ Wi-Fi usage/ Usage time at group and individual device levels.

2

Account Management System (AMS)

- Account synchronization with QR code/ type-in login.
- Seamless integration with Microsoft AD or Google Workspace for convenient login.
- Customize user profiles for specific settings and automatic log out.
- Cloud-based configuration management with two-factor authentication through AWS.

3

EZwrite 6.0

- Self-developed real-time whiteboard across platforms and spaces.
- Compatible with free version of Windows/ MacOS/ ChromeOS/ Website.
- Utilize Google AI features such as Google hand recognition/ Google Translate/ Text to Speech/ OCR to text.
- Enhance teaching experience by supporting various formats including Website/ YouTube link/ Camera/ Video/ Audio/ Documents.
- Collaborate with up to 49 devices through cloud whiteboarding with moderator mode.
- Split screen to display different apps simultaneously such as Chrome/ YouTube/ any other desired app.

4

InstaShare 2

- Two-way touch control with BenQ's self-developed mirroring software.
- Support for floating window mirroring for PIP display.
- Maximize screen size with smart mirroring capabilities.
- Support for mirroring platforms like Airplay/ Miracast/ Chromecast.

5

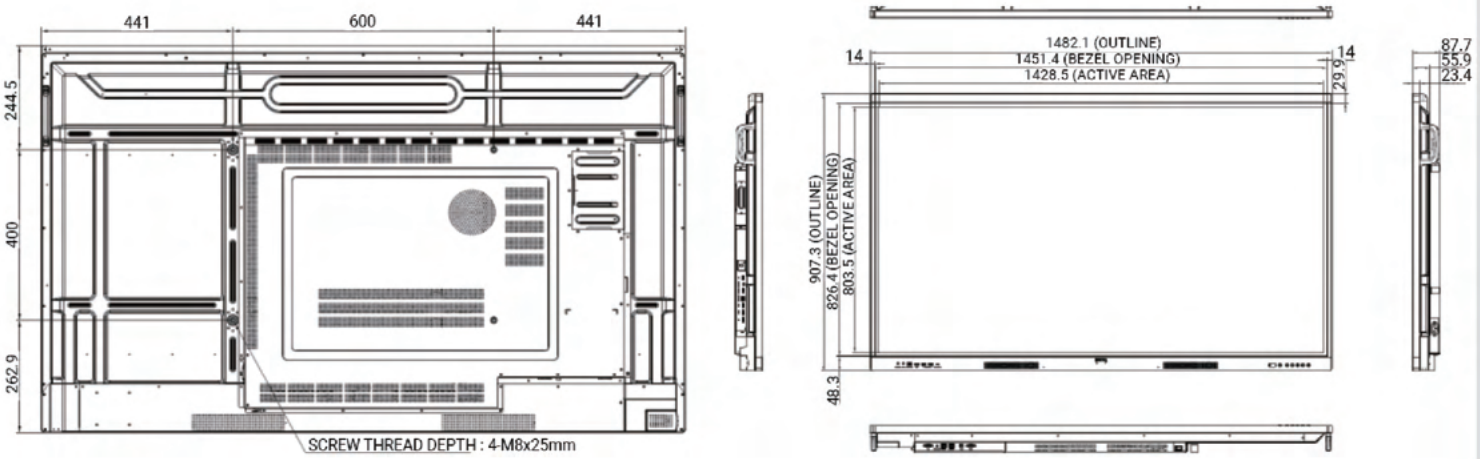
X-sign Broadcast

- Leverage the lifetime cloud-based (AWS) broadcast system with Text/ Audio/ Video/ YouTube/ YouTube Live streaming/ Document/ Template broadcasting.
- Schedule broadcasts and send interrupt messages when needed.
- Allow managing group messaging by adding or removing users from specific groups.
- Access device reports to view the message history from a particular device.
- Group recipients intelligently based on classes or attributes which enabling simultaneous messaging to multiple recipients.

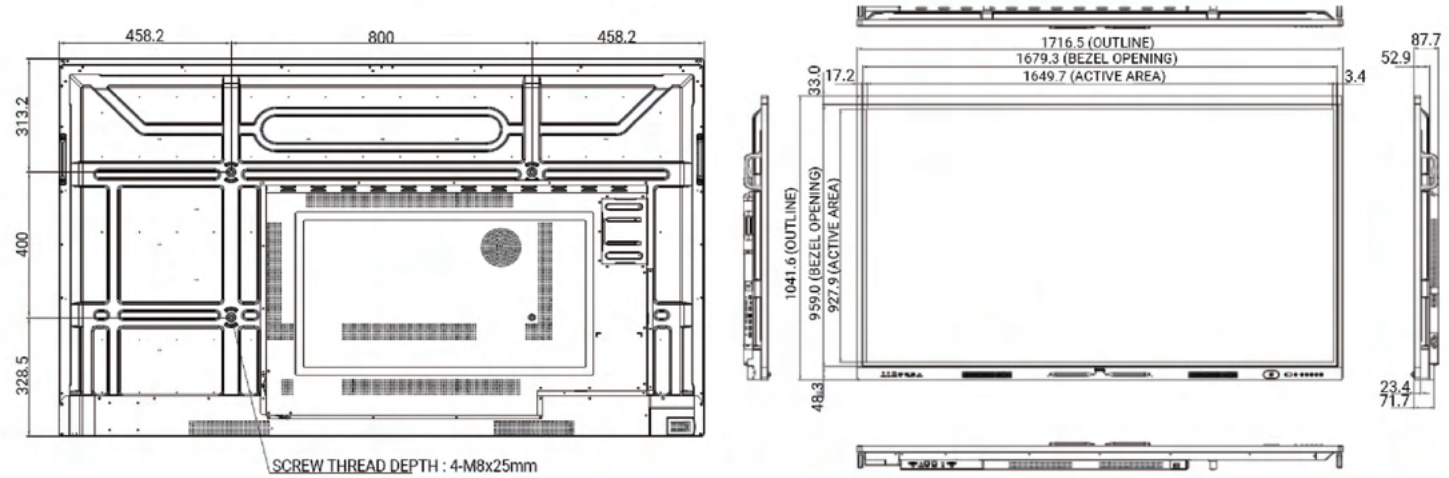
6

Dimension

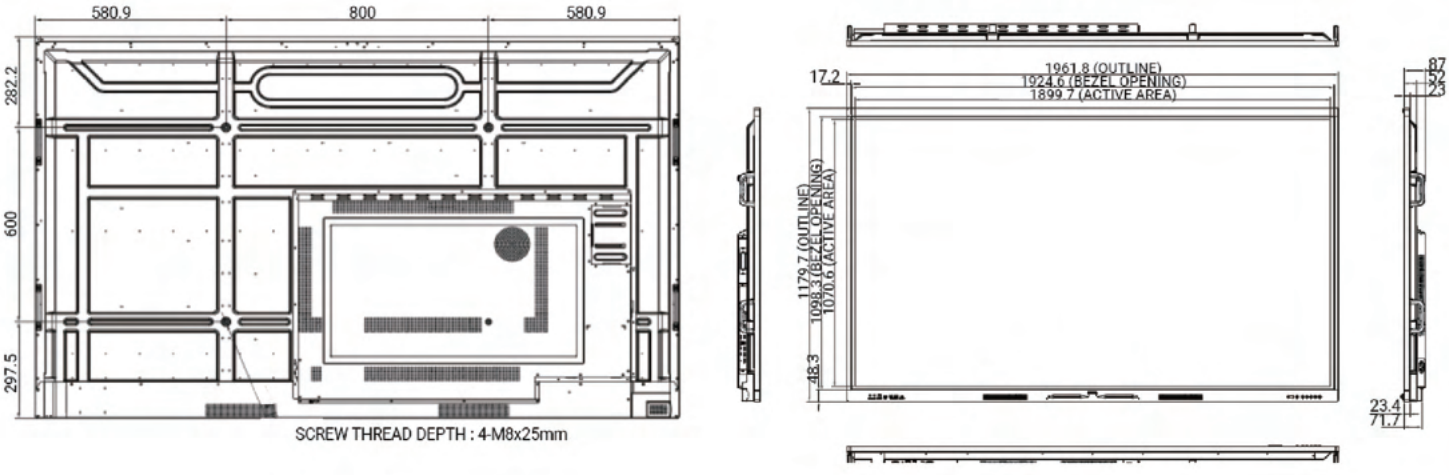
RE6504



RE7504



RE8604



Spec - RE04 Series

Interface	RE6504	RE7504	RE8604
Panel			
Screen Size	65"	75"	86"
Backlight	IPS DLED	IPS DLED	IPS DLED
Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Aspect Ratio	16 : 9	16 : 9	16 : 9
Brightness (typical) w/o glass	450nits	450nits	450nits
Dot pitch	0.37 × 0.37 mm	0.37 × 0.37 mm	0.49 × 0.49 mm
Contrast Ratio	1200:1	1200:1	1200:1
Dynamic Contrast Ratio	30,000:1	30,000:1	30,000:1
Response Time	5ms	5ms	5ms
Light life	50,000hrs	50,000hrs	50,000hrs
Glass			
Hardness	9H 3.2mm thickness	9H 3.2mm thickness	9H 3.2mm thickness
Germ Resistance	Yes (TUV + SIAA certified)	Yes (TUV + SIAA certified)	Yes (TUV + SIAA certified)
Touch screen			
Touch technology	IR	IR	IR
Touch points	40 points touch	40 points touch	40 points touch
Touch Response Time	5ms	5ms	5ms
Platform System			
CPU	A73 x 4 + A53 x 4	A73 x 4 + A53 x 4	A73 x 4 + A53 x 4
GPU	G52 MP8	G52 MP8	G52 MP8
Memory | Storage	8G | 64G (ROM extendable to 512G by SD card)	8G | 64G (ROM extendable to 512G by SD card)	8G | 64G (ROM extendable to 512G by SD card)
OS with Google GMS	Android 13.0 with Google GMS integration	Android 13.0 with Google GMS integration	Android 13.0 with Google GMS integration
Google EDLA	Certified	Certified	Certified
Built-in peripherals			
Built-in speaker	Built-in speakers 20W x 2	Built-in speakers 20W x 2	Built-in speakers 20W x 2
Power			
Power supply	AC 100 to 240V, 50 to 60 Hz	AC 100 to 240V, 50 to 60 Hz	AC 100 to 240V, 50 to 60 Hz
Power consumption (maximum)	420 W	480 W	550W
Power consumption (standby)	<0.5 W	<0.5 W	<0.5 W
Connectivity			
HDMI (in | out)	3 x HDMI 2.0 | 1 x HDMI 2.0	3 x HDMI 2.0 | 1 x HDMI 2.0	3 x HDMI 2.0 | 1 x HDMI 2.0
DisplayPort (in)	x 1	x 1	x 1
VGA (in) + 3.5mm Line (in)	x 1	x 1	x 1
Mic in (Front)	3.5mm mic in x 1	3.5mm mic in x 1	3.5mm mic in x 1
3.5 mm (Front)	3.5mm jack x 1	3.5mm jack x 1	3.5mm jack x 1
SPDIF (out)	x 1 (optical)	x 1 (optical)	x 1 (optical)
USB Type A (in)	x 4 (USB 3.0 x 2 + USB 2.0 x 2)	x 4 (USB 3.0 x 2 + USB 2.0 x 2)	x 4 (USB 3.0 x 2 + USB 2.0 x 2)
USB Type B (in)	x 2 (USB 2.0)	x 2 (USB 2.0)	x 2 (USB 2.0)
USB Type C (in)	x 2 - USB 3.0 x 1: display/ audio/ touch/ data/ power charge up to 65W (Front) - USB 2.0 x 1	x 2 - USB 3.0 x 1: display/ audio/ touch/ data/ power charge up to 65W (Front) - USB 2.0 x 1	x 2 - USB 3.0 x 1: display/ audio/ touch/ data/ power charge up to 65W (Front) - USB 2.0 x 1
SD card slot	x 1 (support ROM extension)	x 1 (support ROM extension)	x 1 (support ROM extension)
Slot-in PC (OPS)	x 1	x 1	x 1
Gigabit Ethernet LAN (in | out)	x 2 (in + out)	x 2 (in + out)	x 2 (in + out)
RS232 (in)	x 1	x 1	x 1
Light Sensor	x 1	x 1	x 1
IR receiver	x 1	x 1	x 1
Physical			
Dimension (WxHxD) (Without Packing / With Packing)	1482.1 × 907.3 × 87.7 mm/ 1640 × 1010 × 185 mm	1716.5 × 1041.6 × 87.7 mm/ 1860 × 1125 × 185 mm	1961.8 × 1179.7 × 87.7 mm/ 2095 × 1265 × 185 mm
Weight (Net|Gross)	36.4 kg | 49.4 kg	50.2 kg | 64.9 kg	63.4 kg | 80.2 kg
Accessories			
Cables	1 x VGA, 1 x HDMI, 1 x USB-B, 1 x USB-C	1 x VGA, 1 x HDMI, 1 x USB-B, 1 x USB-C	1 x VGA, 1 x HDMI, 1 x USB-B, 1 x USB-C
Wall mount	x 1	x 1	x 1
Remote Control	x 1	x 1	x 1
Power Cord	x 1	x 1	x 1
Touch pen (Germ resistance)	x 2	x 2	x 2
Quick Start Guide	x 1	x 1	x 1
Regulation Sheet	x 1	x 1	x 1
Feature			
X-Sign Broadcast (Cloud based)	Content delivery to panel with cloud schedule (Text/ Video/ Picture/ YouTube/ YouTube Live/ Microsoft document/ Template)		
Device Management System (Cloud based)	Control device/ Firmware upgrade/ Patch software installation & uninstall/ Remote scheduling		
Account Management System (Cloud based)	Support QR code & type in login with database of LDAP, Azure AD, Google Workspace, ClassLink , or other SAML based identity providers		
BenQ EZwrite 6.0	Android/ Window/ MacOS/ Chrome OS/ Web-base		
BenQ InstaShare 2	Smart split mirroring/ Floating window mirroring/ Moderator mode/ Airplay+Chromecast+Miracast		
Google Security Patch	Every 3 months		
AI Integration	OCR/ Text to speech/ Google Handwriting recognition and translation/ Google Assistance		

Dealer's Stamp

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Because it matters