

Education Display Solutions

Connect, Interact, Grow



BenQ
Education

BenQ Board

Pro Series | RP6504 / RP7504 / RP8604

Master Series | RM6504 / RM7504 / RM8604

BenQ Projector

Smart Series | Auditorium Series |

Interactive Series

BenQ Education – Shape the Future of Learning

Education serves as a cornerstone of social well-being, fostering connections and equitable opportunities to empower student lives.

In today's technological era, digitalisation of education has unleashed limitless potential with a more engaging, accessible, and inclusive learning journey that transcends physical, geographical, and linguistic boundaries.

Now more than ever in the aftermath of the pandemic, governments and educational institutions are embracing education technology to enhance the quality of learning and prepare students for the future.

As a global leader of education technology, BenQ Education stands as a pioneer, seamlessly bridging educational scenarios with the future of learning. We are committed to shaping the future of learning and breathing life into classrooms via interactive displays, projectors, and software that support robust student engagement in a healthy environment.

BenQ – Bringing Enjoyment 'N Quality to Life

BenQ focuses on the aspects of life that matter most to people today: Lifestyle, Business, Healthcare, and Education. Our goal is to provide people with the means to live better, increase efficiency, feel healthier, and enhance learning—Because it matters.



BenQ Education Solutions

Interactive Displays

BenQ Board RP, RM, RE Series



Accessories

Video Conferencing Camera



Wireless Screen Sharing



Remote Control



Smart Pens



NFC Card



OPS



Wireless Adapters



Pro AV Trolley



Video Bar



Projectors

Smart, Interactive, Auditorium Projector Series



Accessories

PointWrite™ Kit



QCast Mirror Wi-Fi Dongle



Ceiling Mount



Video Bar



Smart Accessories

Zoom™ Certified Conference Cameras



PointWrite™ Touch Module



* Software applicability varies across product range.

BenQ Solutions for Modern Classrooms

Auditorium and Lecture Hall



Lecture Classrooms



A large classroom characterised by a tiered floor with auditorium-style seating. Instructors conduct lessons from lecterns, seamlessly sharing content from laptops onto large screens.

BenQ Education Solutions

- 86" BenQ Board
- Long Throw Laser Projectors with 8000-10000 ANSI Lumens



An average-sized classroom designed for a one-way instructional approach. Educators enhance whiteboard instruction with supplementary digital teaching materials.

BenQ Education Solutions

- 65", 75", 86" BenQ Board
- Standard Projectors with 4000-5000 ANSI Lumens

BenQ Solutions for Modern Classrooms

Seminar and Case Study Classroom



Interactive and Multimedia Classroom



Small to medium-sized classroom, seamlessly integrating multiple devices to enhance the sharing of diverse ideas. It is ideal for group discussions, team presentations, and guest speeches.

BenQ Education Solutions

- 65", 75" BenQ Board
- 3000-4000 ANSI Lumen Smart Projectors with Wireless Casting Capabilities



Tight interactive learning area designed for preschools and K-12 group activities. This space fosters the development of motor, cognitive, social, and emotional skills, all of which are crucial for young learners.

BenQ Education Solutions

- 65" BenQ Board
- Short Throw and Ultra Short Throw Interactive Projectors

Explore New Possibilities

BenQ Board Powered by
Google-Certified Android™



The BenQ Board Difference



DMS

Device Management System

Device and App Management

Remotely monitor and manage all your BenQ devices:

- Install, update, and delete apps
- Push OTA updates
- Set startup and shutdown times

Group Management

Categorise and group BenQ devices by faculty, floor level, building, or year group to manage apps and power settings.

Comprehensive Analytics

With detailed analytics, monitor all Ben Boards from a single dashboard to get the most out of your devices.



AMS

Account Management System

Synchronisation of Directory Services

Log in using accounts from Google Workspace, LDAP, Azure AD, and other SAML-based identity providers.

Single Sign-On

Log in to any BenQ Board to automatically sign in to all BenQ and Google services as well as Cloud storage.

Personalised Teaching Space

Each time you log in, your board will load with your app shortcuts, wallpapers, website bookmarks, and teaching materials on cloud storage.

Enhanced Security

Log in with flexibility and protect your data with SSO, and MFA, all whilst keeping credentials private.

One-Tap Login

Simply tap your NFC card to log in to your AMS account.



ClassroomCare[®]
Healthier Classrooms

Germ-Resistant Screens and Accessories



SIAA certified



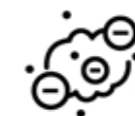
TÜV certified

Eye Care Technologies



Air Quality Analytics and Air Ioniser

Monitor and control air quality on a unified DMS dashboard with built-in air ioniser and air quality sensors. Our ioniser technology releases millions of ions when pollutant levels rise, weighing them down and purifying the air.



Air ioniser

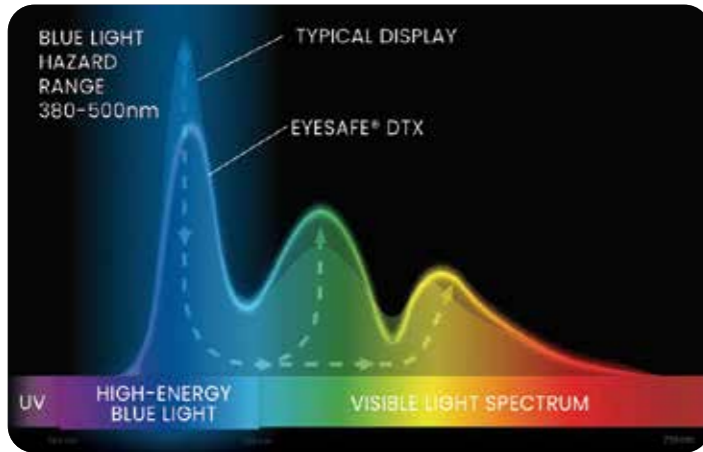


Air quality analytics

*Availability of DMS and AMS features may vary.

*Air quality sensor and ioniser available on the RP04

Smart Eye-care Protection

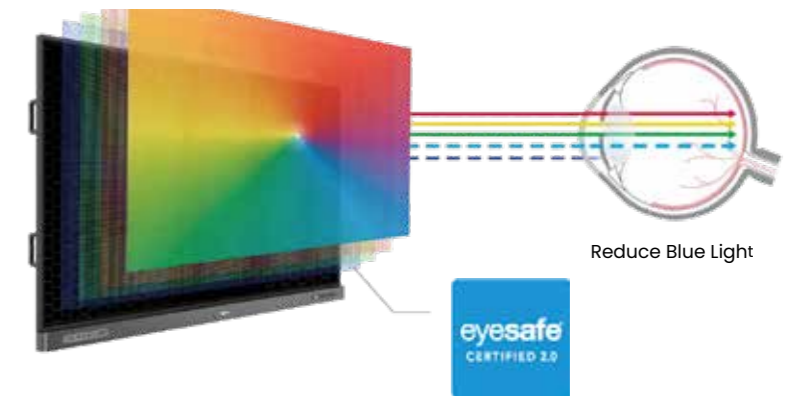


World's Leading Brand of Eyesafe® Certified 2.0 Interactive Displays

BenQ is the proud pioneer in Eyesafe DTX adoption, an advanced blue light mitigation technology developed in collaboration with optometrists and ophthalmologists.

BenQ Board RP04 holds distinction as the world's first and only smart board to achieve Eyesafe® Certified 2.0 status with the highest radiance protection factor scale of RPF50. This cutting-edge technology provides the utmost ocular protection, easing eye-strain by reducing exposure to high-energy blue light in the hazardous 380nm to 500nm range, all whilst preserving the device's brilliant colours.

Compared to traditional classroom touchscreens, BenQ Boards incorporate a multifaceted array of hardware and software components, meticulously engineered to uphold educators' and students' vision health.

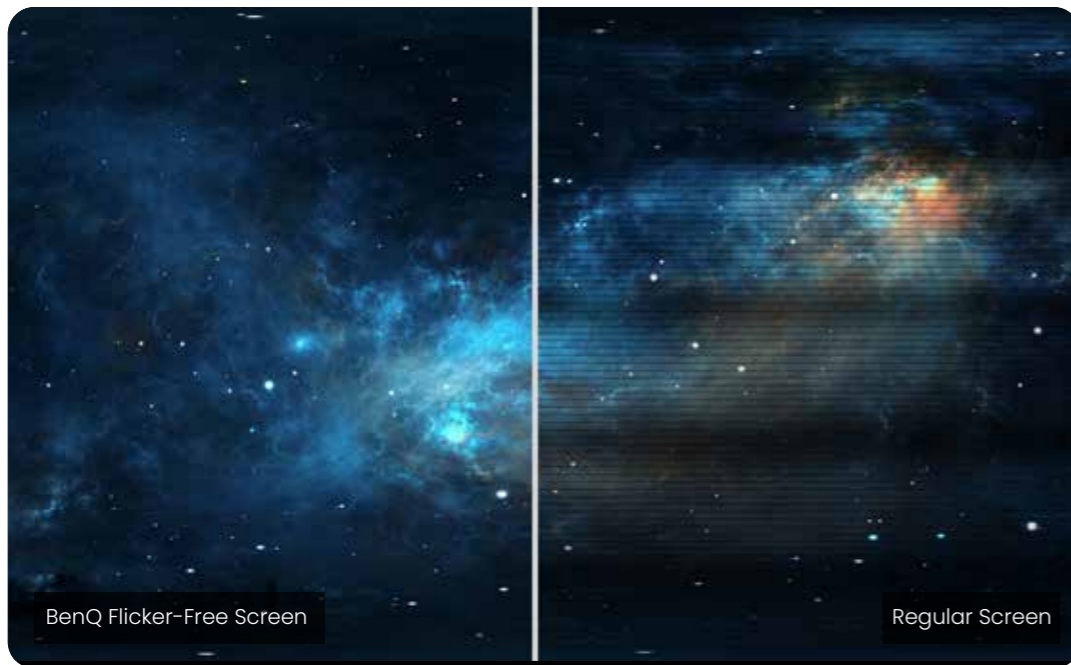


Eyesafe reduces high-energy blue light at the source



Smart Eye-care Protection

BenQ Boards Eye Care Technologies



Flicker-Free



Anti-Glare

Create Healthy Learning Environments



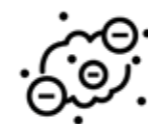
Defend Against Spread of Germs

BenQ pioneered the world's first germ-resistant interactive displays, featuring touchscreens, keypad buttons, pens, and remote controls incorporating a TÜV-certified nano-ionic silver formula with 99.9% effectiveness against common germs.



Breath of Fresh Air

Our exclusive built-in air quality sensors monitor temperature, humidity, CO₂, PM_{2.5}, and formaldehyde in the classroom on a single dashboard. When pollutants surpass acceptable thresholds, BenQ Boards automatically purify the air via ionisation.



Air ioniser



Air quality analytics

Personalise your Teaching Experience



Google EDLA-Certified



Google Play

Get access to your favourite education apps right on BenQ Board.



Google Workspace

Google Core Services and collaboration tools come preinstalled on RP04 and RM04.



Microsoft 365

Fully utilise and seamlessly access your teaching materials with Microsoft collaboration tools.



Enhanced Security

Officially supported Google security features, like Play Protect, help prevent data leaks, phishing, malware, and data loss.



Air Quality Analytics

Effortlessly monitor air quality via integrated sensors and a unified dashboard.

Widgets

Add widgets to display information that matters most to you and your students.

Favourites

Start your class with most-used apps, wallpapers, and bookmarks right on the home screen.

Teach Your Way



EZWrite 6
Digital Whiteboarding Software

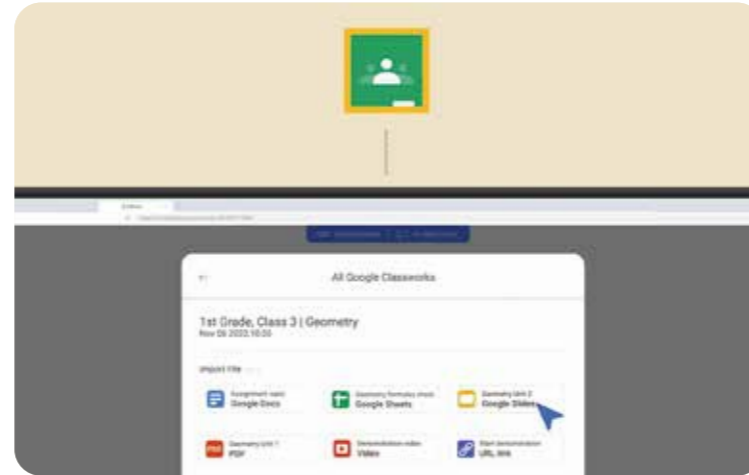


Seamless Device Connectivity

Experience EZWrite 6, an intuitive and powerful whiteboard application, compatible with Android, Windows, Mac, iPad, Chromebook, and various other web browsers. With EZWrite6, seamlessly access lesson files from Google, Microsoft, and OpenOffice.

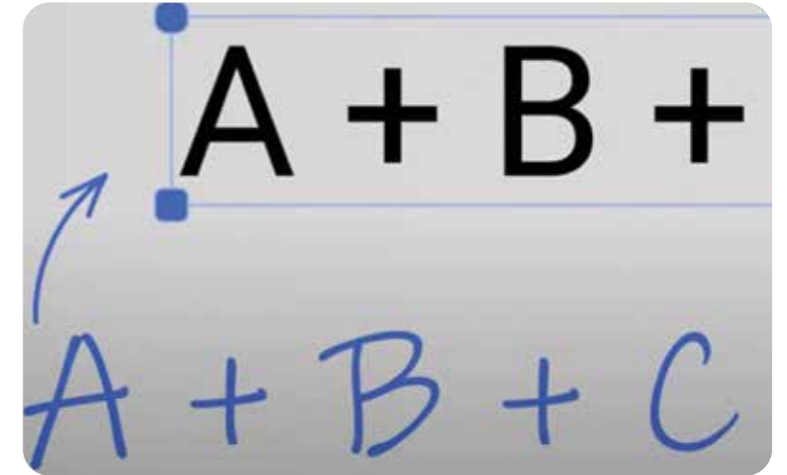


PowerPoint Word Excel PDF IWB Image



Streamline Class Management

With Google Classroom integration, you can import lesson materials and invite students to the EZWrite 6 web whiteboard. Post announcements to your class stream right from the BenQ Board.



Smart in Every Way

Powered by Google AI, EZWrite 6 can intelligently turn handwriting and text within images into editable text, convert text into speech, and even translate text into multiple languages during class sessions.



Text-to-Speech Multilingual Translation Optical Character Recognition (OCR) Handwriting Recognition

Teach Your Way

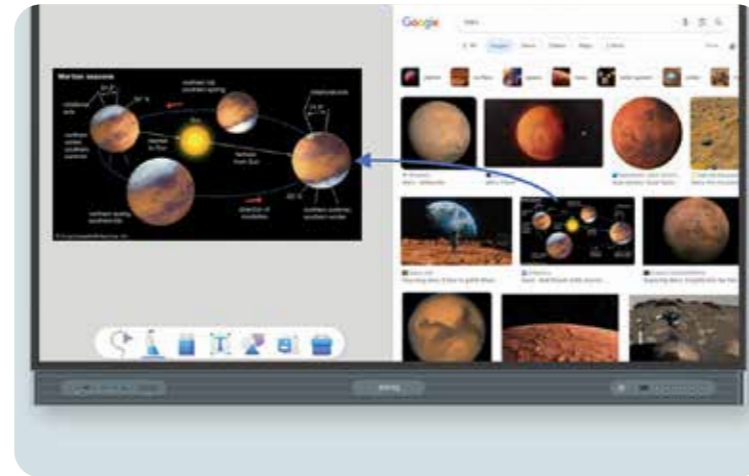


EZWrite 6
Digital Whiteboarding Software



Live Feed for Document Camera

BenQ Board's EZWrite 6 whiteboard seamlessly integrates with a document camera, letting you deliver real-time and hands-on tutorials that include and reach all students no matter where they are in the classroom or beyond.



Increase Efficiency with Split Screen

Enhance the EZWrite 6 whiteboard experience with a browser, YouTube, and digital teaching materials displayed side by side. Effortlessly copy and paste text or images from your lessons directly onto the whiteboard with a simple drag and drop.



Tools for Interactive Lessons

EZWrite 6 comes with diverse classroom tools for all subjects such as sticky notes, stopwatch, calculator, ruler, protractor, editable geometric shapes, compass, scoreboard, and team post.

Wirelessly Cast Your Way

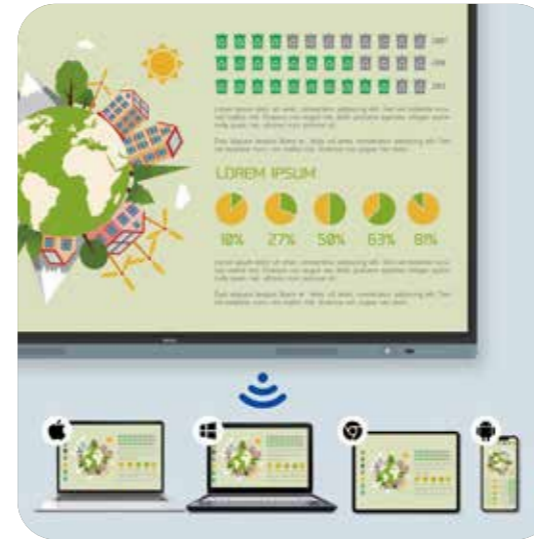


InstaShare 2
Wireless Screen Sharing



Teach Flexibly

Share screens from different OS devices via InstaShare 2, Miracast, AirPlay, and Chromecast onto BenQ Board with real-time annotation capabilities.



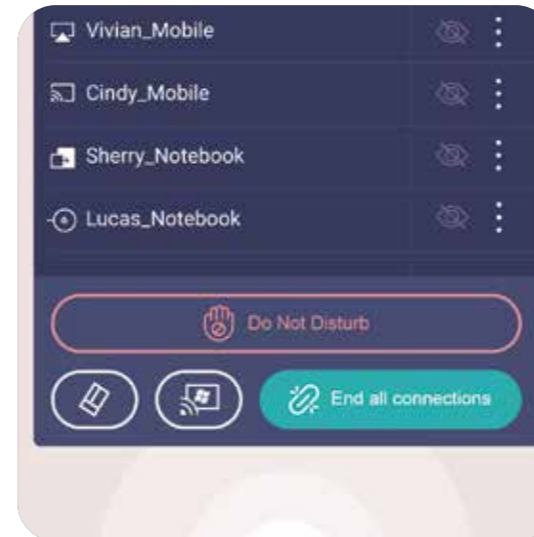
Share Material to Student Devices

Cast the BenQ Board screen onto multiple student devices, including Windows, Android, iOS/iPadOS, MacOS, and Chrome OS.



Encourage Collaboration

Grant specific students' device sharing and writing access to enable idea contribution through photos, videos, cameras, and microphones. Achieve this on up to 9 split screens with BenQ Board.



Share Securely

Manage class flow by selecting screens to hide or share, turning off screen sharing requests, and utilizing AI-powered content filters to automatically block inappropriate materials.

Teach Without Boundaries

AI-Enabled Smart Camera for Hybrid Learning

Record your hybrid classes in high-quality video by mounting DV01K, the bundled BenQ Board Smart Camera. DV01K simply slides into BenQ Board RP04 without cables for seamless connectivity.

Auto Framing

Enhance hybrid learning engagement by automatically focusing on classroom participants, cropping out distracting backgrounds, and eliminating the need for manual camera adjustments.

Voice Tracking

Move freely within the classroom and engage with both in-class and remote students with AI-enhanced voice tracking, designed to focus on speakers on the move or multiple speakers in a room.

Noise Suppression

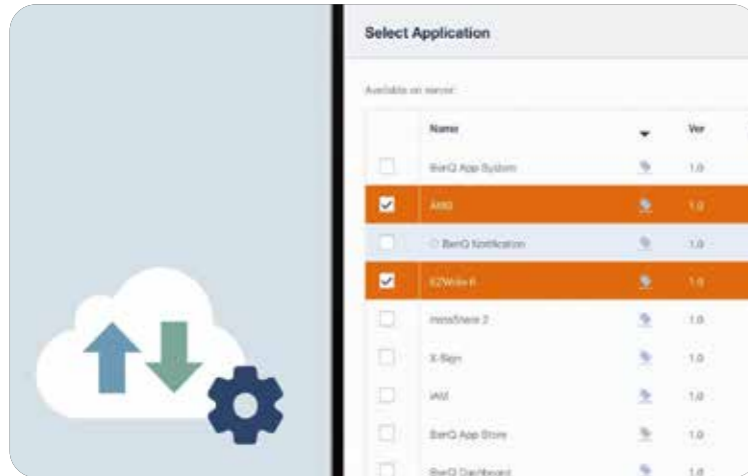
Create an active learning environment without distractions and streamline collaboration by eliminating background classroom noises.



Tools for IT and Admin Staff



DMS
Device Management System



App Security Management

DMS makes it easier than ever to manage apps on BenQ Boards. Remotely install, update, and uninstall Android apps on multiple devices to deploy necessary teaching software. DMS allows IT admin staff to define apps available for download and restrict inappropriate app installations in a centralised manner.



Bind Devices Effortlessly

Without turning BenQ Boards on and connecting to the internet, IT staff can directly scan the unique serial number on the box or screen side bezel of each BenQ Board with a mobile device, efficiently binding multiple BenQ devices to the DMS Admin account all at once.



Deploy Configurations in Groups

DMS lets you group BenQ devices by year group, floor level, building, or faculty. You can remotely deploy consistent policies, such as preferred languages, most-used apps, network configurations, and power settings to multiple selected groups of devices with just a few clicks.

Tools for IT and Admin Staff



AMS
Account Management System



Streamlined Account Access

Enjoy easy access to AMS using your existing credentials. Our single sign-on integration is supported by identity providers such as Azure Active Directory (AD), Google Workspace, Microsoft Entra ID (formerly Azure Active Directory), ClassLink, OneLogin, miniOrange, OAuth, Okta, and Shibboleth.



Personalised Teaching Space

By logging in with your AMS account, you can automatically load personal account settings including favourite apps, bookmarks, and wallpapers onto shared BenQ Boards across classrooms. This streamlines the process of account management and saves valuable lesson time.



Tap and Teach

By simply tapping an NFC card, AMS provides secure access to your teaching materials on cloud storage platforms such as Google Drive, Dropbox, OneDrive, and Box.

Beyond Visual Projection

Durable Projectors for Sharp
Image Performance



The BenQ Projector Difference



DUST GUARD IP5X Dust Protection

Sealed Engine and Optical Path Design

SGS certified sealed engine and IP5X sealed SSI light source eliminate any chance of dust contaminating the projector's key components.

Dust Filter

Effectively prevent 90% of PM₁₀-level particles such as pollen and dust, and PM_{2.5}-level particles such as chalk residue.

Anti-Dust Accumulation Sensor

Repel dust from blocking the infrared signal, resulting in flickering, abnormal colors, overheating, or even shutdown.



SmartEco Device Energy Management

Dynamic Power Output Adjustment

Significant savings on yearly electricity costs via automatic SmartEco or ECO Blank mode activation according to usage scenarios.

Sustainable Image Quality with SmartEco Mode

Maintain Outstanding Colour Performance and contrast ratio whilst conserving power. Automatically reduce power output within seconds when switching to dark mode.

Efficient Energy Saving with ECO Blank Mode

Auto detect and switch to ECO Blank mode when projector has been idle for 3 minutes without signal.

Longer Light Lifespan and Durability

BenQ's SmartEco SSI breakthrough innovation enhances projectors, significantly extending lamp life and cutting down on lamp replacement expenses.



DMS Device Management System

Device and App Management

Remotely monitor and manage all your BenQ devices :

- Install, update, and delete apps
- Push OTA updates

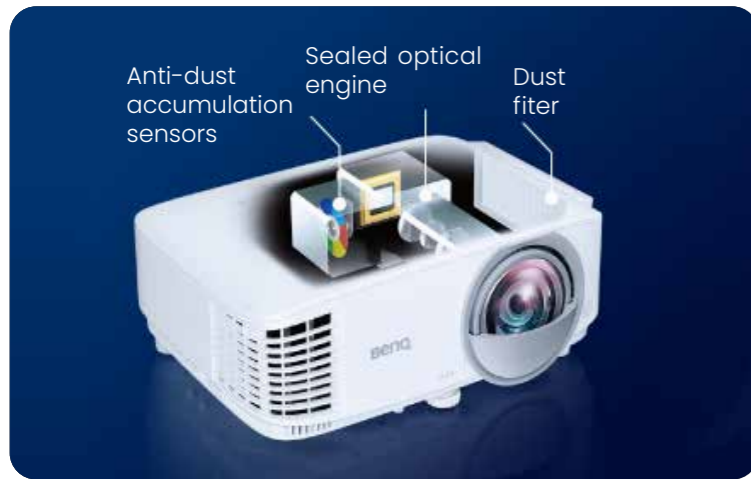
Group Management

Group BenQ devices by categories such as faculty, floor level, building, or year group to manage apps and power settings.

Comprehensive Analytics

Monitor all BenQ devices in detail from a single dashboard to get the most out of your devices.

Sustainable Image Performance



Anti-dust, low maintenance

Dust is the main source of damage to projectors, causing reduced projector lifetime and higher maintenance costs. With anti-dust sealed engines, filters, and sensors, BenQ Dust Guard technology ensures projector durability and reliability in severe dust environments, protecting projectors from blemishes, thermal issues, signal detection failure, brightness and colour decay.

*Sealed light source available on LED and laser models only.



Efficient Visual Performance

BenQ's innovative SmartEco laser technology optimises image performance while reducing power consumption by up to 70%. Immerse yourself in vividly saturated colours and sharp life like imagery with an outstanding 92% Rec.709 wide colour coverage, ensuring authentic hues for captivating lessons.



Lower power consumption



Higher lumens per watt



High brightness for brilliant images



Eco-Conscious SSI Technology

Guided by principles of environmental sustainability, BenQ projectors utilise solid-state illuminator (SSI) technology, delivering both high brightness and enduring colour performance. Our SSI technology completely eliminates hazardous mercury in lamp light sources whilst minimising consumables throughout production and design phases.



No lamp replacement, no mercury



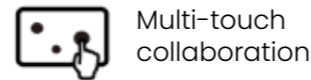
Eco-friendly production with fewer consumables

Flexible Projection with Smooth Interaction



Maximise Student Participation

Empowered by BenQ PointWrite™ Kit interactive touch module, BenQ Interactive Projectors offer smooth and intuitive writing experiences that allow multiple students to collaboratively share, write, and annotate directly on projected content with smart pens.

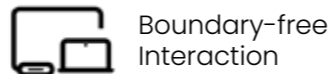


Multi-touch collaboration



Captivate Your Class

Paired with QCast Mirror Wi-Fi dongle, Wireless Projection allows up to 4 devices to seamlessly display content in 4 split windows. Wireless Projection also supports various device casting methods including Miracast, AirPlay, Google Cast, and BenQ InstaShare.



Boundary-free interaction



5-in-1
Type-C
PD 100W
PD 65W



5-in-1
Type-C
PD 65W



5-in-1
Type-C
PD 65W

Models

Display

Screen Size

Resolution

Aspect Ratio

Brightness

Contrast Ratio

Dynamic Contrast Ratio

Colour Depth

Response Time

Colour Gamut

Light Life

Orientation

Display Glass

Hardness

Germ Resistance

Anti-Glare Coating

Touch Screen

Touch Technology

Touch Points

Touch Response Time

Display System

CPU

Memory | Storage

OS

BenQ Board Pro (RP04)

65", 75", 86"

4K UHD (3840 × 2160)

16:9

450 nits

1200:1

50,000:1

10-bit

8 ms

65" - NTSC 72% | 75" - NTSC 72% | 86" - NTSC 72%

50,000 Hrs

Landscape

9H Tempered

Nano-ionic Silver

Yes

Infrared Touch

Up To 40

< 5 ms

8-core: A78 × 4 + A55 × 4

8GB | 64GB

Android 13

BenQ Board Master (RM04)

65", 75", 86"

4K UHD (3840 × 2160)

16:9

450 nits

1200:1

50,000:1

10-bit

8 ms

65" - NTSC 72% | 75" - NTSC 72% | 86" - NTSC 72%

50,000 Hrs

Landscape

9H Tempered

Nano-ionic Silver

Yes

Infrared Touch

Up To 40

< 8 ms

8-core: A73 × 4 + A53 × 4

8GB | 32GB

Android 13

BenQ Board Essential (RE03)

65", 75", 86", 98"

4K UHD (3840 × 2160)

16:9

400 nits

1200:1

30,000:1

10-bit

8 ms

65" - NTSC 72% | 75" - NTSC 72%
86" - NTSC 72% | 98" - NTSC 72%

50,000 Hrs

Landscape

9H Tempered

Nano-ionic Silver

Yes

Infrared Touch

Up To 40

< 10 ms

4-core: A55 × 4

4GB | 32GB

Android 11

Models	BenQ Board Pro (RP04)	BenQ Board Master (RM04)	BenQ Board Essential (RE03)
Connectivity			
HDMI (in out)	4 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
Display Port	1.2a	1.2a	NA
VGA	1	1	1
3.5 mm Line In	Mic + PC Audio	Mic + PC Audio	PC Audio
3.5 mm Line Out	Earphone	Earphone	Earphone
S/PDIF	Optical	Optical	Optical
USB-A	1 x 2.0 7 x 3.0	2 x 2.0 5 x 3.0	2 x 2.0 4 x 3.0
USB-B	3 x 3.0	3 x 3.0	1 x 3.0
USB-C	2 x 3.0 1 x 2.0 (PD 65 W) 1 x 3.0 (PD 100 W)	2 x 3.0 1 x 3.0 (PD 65 W)	1 x 2.0
OPS slot (Slot-in PC)	1	1	1
Ethernet LAN	1 x 10/100/1000 Mbps (Android) 2 x 10/100/1000 Mbps (OPS)	1 x 10/100/1000 Mbps (Android) 2 x 10/100/1000 Mbps (OPS)	1 x 10/100/1000 Mbps (Android) 1 x 10/100/1000 Mbps (OPS)
Built-in Peripherals			
Microphone	8-mic Array	8-mic Array	NA
Speaker	2 x 20 W	2 x 20 W	2 x 16 W
Subwoofer	16 W	NA	NA
Ambient Light Sensor	Yes	Yes	Yes
Particle Sensor	Yes	NA	NA
Temperature Sensor	Yes	NA	NA
Humidity Sensor	Yes	NA	NA
Air Sensor	Yes	NA	NA
Motion Sensor	Yes	NA	NA
NFC	Yes	Yes	NA
Wi-Fi	Built-in	Optional	Optional
Air Ioniser	Yes	NA	NA
Bluetooth	Built-in	Optional	Optional
Warranty			
AU Warranty Period	5 Years	2 Years (Option to Extend)	2 Years (Option to Extend)



Auditorium & Lecture Hall Projector

Lecture Classroom Projector



LU9800

LU9245

LU930

LU935

LK935

LH650

Models

Display

Brightness (ANSI lumens)

10000

7000

5000

6000

5500

4000

Native Resolution

WUXGA (1920 x 1200)

WUXGA (1920 x 1200)

WUXGA (1920x1200)

WUXGA (1920x1200)

4K UHD (3840×2160)

1080P (1920x1080)

Light Source

Laser

Laser

Laser

Laser

Laser

Laser

Optical

Throw Ratio

0.38 ~ 8.26 with
Optional Lenses

0.77 ~ 5.0 with
Optional Lenses

1.36 ~ 2.18

1.36 ~ 2.18

1.36 ~ 2.18

1.15 ~ 1.5

Zoom Ratio

1.18x ~ 1.67x with
Optional Lenses

1.18x ~ 1.67x with
Optional Lenses

1.6x

1.6x

1.6x

1.3x



Android and Windows-based Smart Classroom Projector



EH620



EH600



EW800ST



EU610ST

Models	EH620	EH600	EW800ST	EU610ST
Display				
Brightness (ANSI lumens)	3400	3500	3300	3800
Native Resolution	1080P (1920 x 1080)	1080P (1920 x 1080)	WXGA (1280 x 800)	WUXGA (1920 x 1200)
Light Source	Lamp	Lamp	Lamp	Lamp
Optical				
Throw Ratio	1.13 ~ 1.47	1.49 ~ 1.64	0.49	0.9 ~ 1.08
Zoom Ratio	1.3x	1.1x	Fixed	1.2x
Operating System				
Built-in OS	Windows 11	Android 6	Android 6	Android 9



Interactive and Multimedia Classroom Projector



EW800ST



LH856UST



LU960UST



LH820ST



MW826STH

Models

Display

Brightness (ANSI lumens)

3300

3500

5200

3600

3500

Native Resolution

WXGA (1280 x 800)

1080P (1920 x 1080)

WUXGA (1920 x 1200)

1080P (1920 x 1080)

WXGA (1280 x 800)

Light Source

Lamp

Laser

Laser

Laser

Lamp

Optical

Throw Ratio

0.49

0.33

0.25

0.49

0.49

Zoom Ratio

Fixed

Fixed

Fixed

Fixed

Fixed





Models

Camera

Dimensions (H x W x D)

Weight

Sensor

Resolution

Field of View

Zoom

Pan | Tilt

Pan | Tilt speed

Focus

Auto Framing

Voice Tracking

Preset Positions

Lens Type

Low Light Performance

Audio

Microphone

Input

Output

Echo Cancellation

Active Noise Cancellation

Connectivity

Output

Ethernet

Control Interface

In | Out

Power

Voltage

DVI31

102.0 mm x 47.3 mm x 29.9 mm

0.16 kg

1080P FHD

1080P, 720P, SD @30 FPS

Horizontal: 85°
Vertical: 52°
Diagonal: 92°

-

-

-

Fixed

-

-

-

Glass

0.5 Lux

Omnidirectional Mics x 2
Pickup Range: Up to 5m (16 ft)

-

-

Yes

-

USB 2.0

-

-

5V



DVI32

180.1 mm x 47.4 mm x 44 mm

0.40 kg

4K UHD

Main Stream: 4K@30 FPS, 1080P@60 FPS/30 FPS, 720P@90 FPS/60 FPS/30 FPS
Sub Stream: 720P, 480P@30 FPS/25 FPS

Horizontal: 110°
Vertical: 72°
Diagonal: 120°

Digital: 5x

Digital

-

Fixed

Yes

-

Remote: 3
OSD: 10

Glass

0.1 Lux

Omnidirectional Mics x 2

-

-

Yes

-

USB 3.0

-

-

5V



DVI01K

168.0 mm x 71.9 mm x 58.3 mm

0.30 kg

4K UHD

4K@30 FPS,
1080P@60 FPS/30 FPS,
720P@60 FPS/30 FPS

Horizontal: 110°
Vertical: 70°
Diagonal: 120°

Digital: 4x

Digital

-

Fixed

Yes

Yes

-

Glass

0.01 Lux

Omnidirectional Mics x 4
Pickup Range: Up to 8m (26 ft)

-

-

-

Yes

USB 2.0

-

-

5V



DVI23

150 mm x 181 mm x 116 mm

1.38 kg

1080P FHD

1080P 720P, SD @30 FPS

Horizontal: 55°
Vertical: 31°
Diagonal: 63°

Optical: 20x, Digital: 10x

±170° | -30° to 90°

100°/sec | 45°/sec

Auto and Manual

-

-

Remote: 10
LAN: 255

Glass

0.5 Lux

-

3.5mm

HDMI, Ethernet, SDI

-

-

USB 3.0, HDMI, Ethernet, SDI

• 1GbE Port
• Power over Ethernet

RS232, RS422, RS485 | RS232

12V





Shape
the *Future*
of Learning

BenQ

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