

Leaps Ahead in Display Innovations

BenQ, Global Leader in Business Displays



Product Guide 2017



The magnificent digital canvas
for truly brilliant ideas



Because it matters

LASER PROJECTORS

Our I-chip DLP projectors are engineered with dual color wheels to optimize the high output of the laser light source, generating 8000 ANSI Lumens from its BlueCore laser light engine. As a result, we are able to maintain superior image quality for over 20,000 hours without lamp replacement. Our innovative Dual-Array laser engine modules ensure dependable 24/7 operation, allowing installation at any angle as well as portrait orientation.

Laser Projector Features

- I-Chip DLP up to 8000 ANSI Lumens with Laser Light Source
- 100,000:1 Contrast Ratio
- Motorized Lens Control
- 8 Optional Lenses for Diverse Applications
- Built-in Edge Blending and Geometric Correction
- 360° and Portrait Projection

Superior Image Quality

BlueCore Laser for Pure Color

BenQ utilized dual color wheels to significantly improve pure RGBY colors achieved by eliminating the white segment of a conventional color wheel.

Ultra-High Contrast

Light output is controlled directly for faster response and clear images at a super-high contrast ratio of 100,000:1 with automatic brightness adjustments.

4K Resolution

With an impressive 4K (3840 x 2160) native resolution LK970 offers 8.3 million pixels for greater detail and stunning clarity.

Excellent Installation Flexibility

Zoom, Focus, Lens Shift

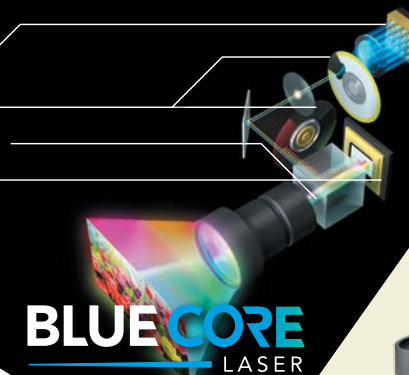
The zoom, focus and horizontal/vertical lens shift systems deliver perfectly proportioned images in any venue.

Motorized Lens Control

Simple remote-control commands for omnidirectional adjustments to projection targets.

Laser Projection System

BlueCore Laser Light Source
Dual Color Wheel System
Total Inner Reflection (TIR) Prism
DLP Chip



BLUECORE
LASER



Lens Memory

Equipped with ten customizable memory settings for image size, position, and focus, the projector detects and optimizes source material with various aspect ratios into the projection area.

Portrait and 360° Projection

BlueCore laser technology guarantees reliable projection from any angle such as 360° rotation and portrait applications.

Multiple Optional Lenses

BlueCore Laser projectors can accept up to 8 selectable lenses comprising short-throw to long-throw.

Ultra Short Throw Lens

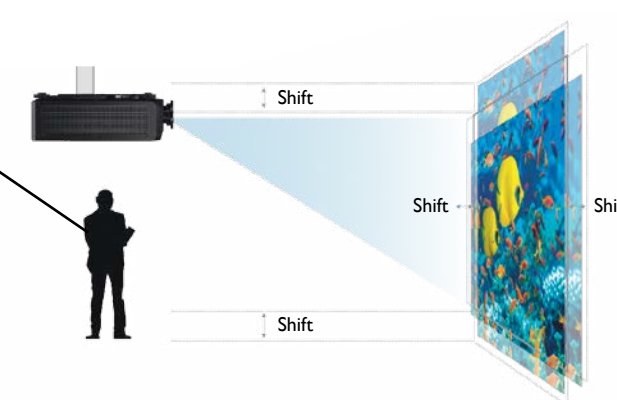
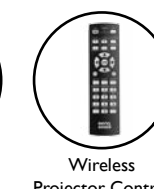
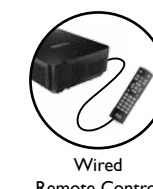
Requiring 60% less distance to project images up to 350", BenQ's Ultra Short Throw lens complements 97 Series projectors to enable large-scale projection in tight installations.

Geometric Correction

Corner fit for 4 corners and Surface fit for pincushion and barrel offer convenient control to form perfectly aligned images.

Integrated Edge Blending Support

Edge Blending accounts for the intersecting area between adjacent images to adjust the brightness of the overlap at the edges to make multi-screen projection truly seamless. Color Matching function can then be used to calibrate any small differences in the color output profile of each projector.



Enduring Reliability

Guaranteed Performance for 20,000 Hours

Suitable for continuous 24/7 operation in museums or other venues.

DLP for Vibrant Color Endurance

The highly durable DLP chip is rated to last over 100,000 hours without degradation, ensuring true-to-life colors and pristinely legible text for countless uses.

INSTALLATION / INTERCHANGEABLE LENS

Ultra High Brightness

Large-scale projection in bright environments remain clear and sharp with BenQ's high brightness technology powered by BenQ's unique dual-lamp design. Providing up to 7700 ANSI Lumens of brightness.

WUXGA Resolution

With an impressive WUXGA (1920 x 1200) native resolution that far exceeds Full HD 1080p, these projectors offer 2.3 million pixels for greater detail and stunning clarity.

360° Rotation-Capable Projection

The projector can be tilted vertically at any angle, allowing projection into ceilings, walls, floors or angled signage.

Interchangeable Lenses

These projectors are compatible with eight to five various lenses. Maximize installation options and projection layout with a quick one-button release.

HD-BaseT Advanced Digital Connectivity

HDBaseT combines video, audio and device control signals from multiple sources including: PCs, laptops, document cameras, Blu-ray and DVDs onto a single CAT5 cable. This ensures seamless transmissions up to 100 meters.



360° Rotation-Capable Projection

WIRELESS SOLUTION

InstaShow™ Plug & Play

One Button to Start Wireless Full HD Presentations

BenQ InstaShow™ is a unique no-software solution that allows multiple presenters to present on any device. The plug and play operation requires no driver installation and is compatible with any OS or hardware platform.

Present Wirelessly with Qcast

Go from the small screen to the big screen for mobile entertainment sharing with others using QCast. With the NFC wireless solution, you can enjoy the revolutionary tapNshow wireless experience, streaming 1080p multimedia content from your smart device to a BenQ projector with a simple tap.



PROJECTORS SPECIFICATIONS

	Laser			Interchangeable lens		
Model	LU9715	LU9235	LK970	PU9730 ¹ / PW9620 ² / PX9710 ³	PU9530 ¹ / PW9520 ² / PX9510 ³	PU9220+ ¹ / PX9210 ²
Native Resolution	WUXGA 1920 x 1200	WUXGA 1920 x 1200	4K UHD 3840 x 2160	WUXGA 1920 x 1200 ¹ / WXGA 1280 x 800 ² / XGA 1024 x 768 ³	WUXGA 1920 x 1200 ¹ / WXGA 1280 x 800 ² / XGA 1024 x 768 ³	WUXGA 1920 x 1200 ¹ / XGA 1024 x 768 ²
Resolution Supported	VGA (640 x 480) to WUXGA (1920 x 1200)	VGA (640 x 480) to WUXGA (1920 x 1200)	VGA (640 x 480) to 4K UHD (3840 x 2160)	VGA (640 x 480) to WUXGA (1920 x 1200)	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking
Brightness	8000 ANSI lumens	6000 ANSI lumens	5000 ANSI lumens	7000 ANSI lumens ¹ / 6700 ANSI lumens ² / 7700 ANSI lumens ³	6000 ANSI lumens ^{1,2} / 6500 ANSI lumens ³	5000 ANSI lumens ¹ / 6000 ANSI lumens ²
Contrast Ratio	100,000 : 1	100,000 : 1	50,000 : 1	2,800 : 1	2,800 : 1	4,000 : 1
Throw Ratio	8 interchangeable lenses	5 interchangeable lenses	1.36 - 2.03	7 interchangeable lenses	7 interchangeable lenses	5 interchangeable lenses
Zoom Ratio	8 interchangeable lenses	5 interchangeable lenses	1.5 x	7 interchangeable lenses	7 interchangeable lenses	5 interchangeable lenses
Keystone Correction	Vertical: ± 30°, Horizontal: ± 30°	Vertical: ± 30°, Horizontal: ± 30°	Vertical: ± 65°, Horizontal: ± 27°	Vertical: ± 30°	Vertical: ± 30°, Horizontal: ± 30°	Vertical: ± 30°
Lens	8 interchangeable lenses	5 interchangeable lenses	F=2.13, f=20.6-30.3	7 interchangeable lenses	7 interchangeable lenses	5 interchangeable lenses
Operational Noise (Normal / Eco)	40 / 37 dBA	36 / 33 dBA	37 / 34 dBA	41 / 36 dBA	39 / 34 dBA	39 / 34 dBA
Interface	• Computer 1 Input x 1 (D-sub 15pin) • Computer 2 Input x 1 (5BNC, R / G / B / H / V) • Monitor Output (D-sub 15pin) x 1 • HDMI (1.4a) x 1 (Compatible with HDCP) • DVI-D Input x 1 (Compatible with HDCP) • LAN (RJ45) x 1 (LAN Control) • 3G-SDI x 1 (Input / Output) • HDBaseT x 1 (Shared with RJ45) • DisplayPort x 1 • Trigger x 1 • RS232 (DB-9pin) x 1 • 3D Sync x 1 (Output) • Wired Remote x 1 • IR Receiver x 2 (Front + Rear)	• HDMI 1 x 1 • HDMI 2 / MHL x 1 • D-sub Input 15pin • YBPBR x 1 • Monitor Output x 1 (D-sub 15pin) • DVI-D x 1 • HDBaseT x 1 (RJ45 for Display) • LAN Port x 1 (RJ45 for Network control) • Composite Video x 1 • Audio Input x 1 (mini jack) • RCA Audio Input L / R x 1 • RCA Audio Output L / R x 1 • 3D Sync Output x 1 • RS232 x 1 • USB TypeA x 1 (1.5A power) • USB TypeB x 1 (Service) • Wire remote Input x 1 • Wire remote Output x 1 • IR Receiver x 1 • 12V Trigger x 1	• PC (D-sub 15pin) x 1 • HDMI (v1.4a) x 2 (HDMI 1: HDMI 2.0 & HDCP 2.2; HDMI 2: HDMI 1.4a & HDCP 1.4) • LAN (RJ45) x 1 • USB (Type Mini B) x 1 • DC 12V Trigger (3.5mm Jack) x 2 • RS232 (DB-9pin) x 1 • Wired Remote (Mini Jack) x 1	• Computer 1 Input (D-sub 15pin) x 1 • Computer 2 Input x 1 (5BNC, R / G / B / H / V) • Monitor Output (D-sub 15pin) x 1 • HDMI 1.4 x 1 (1.4a) • DVI-D Input x 1 • LAN (RJ45) x 1 (LAN Control) • USB (Type Mini B) x 1 (Download) • HD Connect x 1 (Share with RJ45) • DisplayPort x 1 • 12V Trigger x 1 • RS232 (DB-9pin) x 1 • Wired Remote x 1 • IR Receiver x 2 (Front + Rear)	• Computer 1 Input (D-sub 15pin) x 1 • Computer 2 Input x 1 (5BNC, R / G / B / H / V) • Monitor Output (D-sub 15pin) x 1 • HDMI 1.4 x 1 (Compatible with HDCP) • DVI-D Input x 1 (Compatible with HDCP) • Component Video Input x 1 (Y / Pb / Pr) • Component Video Input x 1 (Y / Pb / Pr) • Composite Video Input (RCA) x 1 • S-Video Input (Mini Din 4 pin) x 1 • HDBaseT x 1 (Share with LAN) • LAN (RJ45) x 1 (LAN Control) • USB (Type Mini B) x 1 (Download)¹ • 12V Trigger x 1 • RS232 (DB-9pin) x 1 • Wired Remote x 1 • IR Receiver x 2 (Front+Rear)	• Computer Input (D-sub 15pin) x 2 • Computer Input x 1 (5BNC, R / G / B / H / V) • Monitor Output (D-sub 15pin) x 1 • HDMI 1.4 x 1 • DVI-D Input x 1 • Component Video Input x 1 (Y / Pb / Pr) • Composite Video Input (RCA) x 1 • S-Video Input (Mini Din 4 pin) x 1 • 3D Sync Output x 1¹ • DisplayPort x 1 • LAN (RJ45) x 1 (LAN Control) • USB (Type A) x 1 • (1.5A power supply)¹ • USB (Type B) x 1 (Download) • Audio Input x 2 • Audio Input (L / R) x 2 • Audio Output x 1 • 12V Trigger x 1 • RS232 (DB-9pin) x 1 • Wired Remote x 1 • IR Receiver x 2 (Front+Rear)
Dimensions (WxHxD)	500 x 211 x 583 mm	525 x 216 x 470 mm	470.7 x 224.9 x 564.7 mm	510 x 230 x 540 mm	505 x 194 x 385 mm	431 x 167 x 321 mm
Weight	28 kg (without lens)	25 kg (without lens)	19 kg	21 kg (without lens)	16.5 kg (without lens)	8.5 kg (without lens)
Power Consumption	885W	640W	545W	710W	710W	445W

CORPORATE & EDUCATION PROJECTORS

Brilliant Image Performance

With 4000 ANSI Lumens high brightness, the business projectors will always give you the best clarity under the brightest lights!

Whisper Quiet

The noise level is only 28dBA.

2D Keystone & Corner Fit Correction

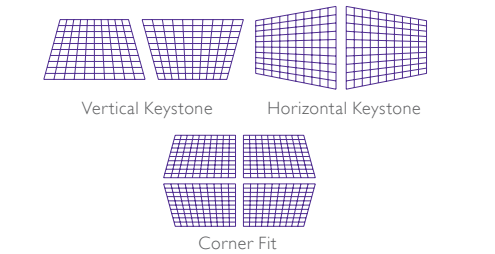
2D keystone correction enhances installation flexibility by correcting the trapezoid effect via horizontal and vertical adjustments up to ±30 degrees. Corner fit is a convenient way to align the picture perfectly by adjusting each corner independently.

Big Zoom 1.6x

1.6x Big Zoom feature frees up space with an impressive range of throw distances, giving you the flexibility of placing the projector without compromising your current decor.

Vertical Lens Shift

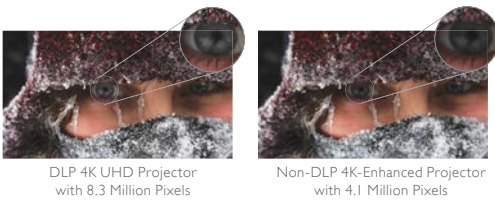
The vertical lens shift function can be used to adjust the position of the projected image to fit the projection screen.



HOME CINEMA / HOME ENTERTAINMENT

4K UHD True 8.3 Million Pixel Performance

W11000 and X12000 harness the advanced DLP 4K UHD DMD to achieve Consumer Technology Association's (CTA) 4K UHD specification. Utilizing XPR fast-switching technology and state-of-the-art image processing to double the resolution, reaching 3840 x 2160 with 8.3 million distinct pixels for each frame.



THX HD Display Certification

Reserved only for best-in-class audio and video systems, THX Certification guarantees equipment for accurate reproduction of content as the director originally intended.



Rec. 709 Standard

Rec. 709 is the international HDTV standard to guarantee accurate replication of cinematic color as the director intended. With an RGBRGB Color Wheel, W11000 is calibrated for cinematic color modeled on the Rec. 709 HDTV standard.



PROJECTORS SPECIFICATIONS



	Installation				Ultra Short Throw	
Model	SU964	SU931 ¹ / SX930 ²	SH915	SU922 ¹ / SW921 ² / SX920 ³	MW883UST ¹ / MX882UST ² / MW864UST ³ / MX863UST ⁴	MH856UST ¹ / MW855UST ² / MX854UST ³
Native Resolution	WUXGA 1920 x 1200	WUXGA 1920 x 1200 ¹ / XGA 1024 x 768 ²	1080p 1920 x 1080	WUXGA 1920 x 1200 ¹ / WXGA 1280 x 800 ² / XGA 1024 x 768 ³	WXGA 1280 x 800 ¹³ / XGA 1024 x 768 ²⁴	1080P 1920 x 1080 ¹ / WXGA 1280 x 800 ² / XGA 1024 x 768 ³
Resolution Supported	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking	VGA (640 x 480) to WUXGA_RB* (1920 x 1200) *RB = Reduced Blanking	VGA (640 x 480) to UXGA (1600 x 1200)	VGA (640 x 480) to UXGA (1600 x 1200) ¹² / VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB-Reduced Blanking ³⁴	VGA (640 x 480) to UXGA (1600 x 1200)
Brightness	6500 ANSI lumens	6000 ANSI lumens ¹ / 7000 ANSI lumens ²	4000 ANSI Lumens	5000 ANSI lumens	3300 ANSI lumens	3500 ANSI lumens
Contrast Ratio	8,300 : 1	3,000 : 1 ¹ / 2,500 : 1 ²	11,000 : 1	3,000 : 1 ¹ / 5,000 : 1 ²³	10,000 : 1 ¹² / 13000 : 1 ³⁴	10,000 : 1
Throw Ratio	1.56 - 2.34	1.07 - 1.71 ¹ / 1.5 - 2.4 ²	1.398 - 2.09	1.07 - 1.71 ¹ / 1.12 - 1.8 ² / 1.41 - 2.25 ³	0.23 ¹ / 0.29 ² / 0.233 ³ / 0.292 ⁴	0.33 ¹ / 0.35 ² / 0.43 ³
Zoom Ratio	1.5 x	1.6 x	1.5 x	1.6 x	Fixed	Fixed
Keystone Correction	Vertical: ± 30°, Horizontal: ± 30°	Vertical: ± 30°, Horizontal: ± 30°	Vertical: ± 30°	Vertical: ± 30°, Horizontal: ± 30°	Vertical: ± 30°, Horizontal: ± 25°	Vertical: ± 15°, Horizontal: ± 15° Corner fit ± 5° ¹² / Vertical: ± 30°, Horizontal: ± 30° Corner fit ± 5° ³
Lens	F=2.48-2.81, f=24.1-36.15 mm	F=2.45-3.07, f=15.75-25.1 mm ¹ / F=2.1-2.63, f=21.7-34.64 mm ²	F=2.42-2.97, f=20.7-31.05 mm	F=2.45-3.07, f=15.78-25.12 mm	F=2.4, f=3.35 mm	F=2.5, f=5.1 mm
Operational Noise (Normal / Eco)	44 / 40 dBA	39 / 36 dBA	38 / 33 dBA	36 / 33 dBA	35 / 29 dBA	37 / 33 dBA ¹ / 34 / 28 dBA ²³
Interface	• Computer Input (D-sub 15pin) x 1 (Shared with component) • Monitor Output (D-sub 15pin) x 1 • HDMI x 2 • Component Video Input (5BNC) x 1 • Composite Video Input (RCA) x 1 • Audio Input (Mini Jack) x 1 • Audio Output (Mini Jack) x 1 • Speaker 10W x 1 • LAN (RJ45) x 1 (LAN Control & HDBaseT) • USB (Type Mini B) x 1 (Download) • 12V Trigger x 1 • RS232 (DB-9pin) x 1 • IR Receiver x 2 (Front+Rear)	• Computer Input (D-sub 15pin) x 1 (Share with component) • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • HDMI x 2 • Audio Input (Mini Jack) x 1 • Audio L / R Input (RCA) x 1 • Audio Output (Mini Jack) x 1 • Microphone Input (Mini Jack) x 1 • Speaker 10W x 2 • USB (Type A) x 1 (1.5A power supply) • USB (Type mini B) x 1 • RS232 (DB-9pin) x 1 (Download & page / down) • LAN (RJ45) x 1 (LAN control) • RS232 (DB-9pin) x 1 • DC 12V Trigger (3.5 mm Jack) x 1 • IR Receiver x 2	• Computer Input (D-sub 15pin) x 2 • HDMI x 2 • Monitor Output x 1 • Composite Video Input (RCA) x 1 • S-Video Input x 1 • Audio Input (Mini Jack) x 1 • Audio Input (L / R) x1 • Audio Output (Mini Jack) x 1 • Speaker 5W x 1 • LAN (RJ-45) x1 • USB (Type B) x 1 • USB (Type A) x 2 • USB (Type mini B) x 1 • DC 12V Trigger (3.5 mm Jack) x 1 • RS232 (DB-9pin) x 1 • IR Receiver x 2 (Front+Rear)	• Computer Input (D-sub 15pin) x 1 (Share with component) • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • HDMI x 2 (One with MHL) • Audio Input (Mini Jack) x 1 • Audio L / R Input (RCA) x 1 • Audio Output (Mini Jack) x 1 • Speaker 10W x 2 • LAN (RJ45) x 1 (LAN Control) • USB (Type A) x 1 • USB (Type B) x 2 (USB display¹² / Service / PointWrite) • USB (Type A) x 2 (USB reader¹² / 5V1.5A Power Supply) • RS232 (DB-9pin) x 1 • DC 12V Trigger x 1 • IR Receiver x 2	• Computer Input (D-sub 15pin) x 2 (Shared with Component) • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input x 1 • HDMI x 2 (HDMI 2 with MHL) • Audio Input (Mini Jack) x 1¹² x 2³⁴ • Audio Output (Mini Jack) x 1 • Audio Input (L / R) x 1 • Speaker 10W x 2 • USB (Type Mini B) x 2 • (USB display¹² / Service / PointWrite) • USB (Type A) x 2 (USB reader¹² / 5V1.5A Power Supply) • RJ45 x 1 (LAN Control / LAN Display / Service) • RS232 (DB-9pin) x 1 • IR Receiver x1 (Front)¹²	• Computer Input (D-sub 15pin) x 2 (Share with component) • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • HDMI x 1 • Audio Input (Mini Jack) x 2 • Audio Output (Mini Jack) x 1 • Audio L / R x 1 • Speaker 10W x 2 • USB (Type mini B) x 1 (PointWrite interactive module) • USB (Type B) x 1 (FW download) • USB (Type A) x 1 (5V 2A Power for PT02 Touch module) • RJ45 x 1 (LAN Control / LAN Display / Service)²³ • RS232 (DB-9pin) x 1 • IR Receiver x 1 (Front)
Dimensions (WxHxD)	443 x 167 x 354.7 mm	446 x 152 x 336 mm	360 x 120 x 260 mm (include feet) 360 x 115 x 260 mm (exclude)	411.4 x 118.4 x 267.5 mm	385 x 152 x 429 mm	373.3 x 287.5 x 130.2 mm (without Mirror) 373.3 x 287.5 x 201 mm (with Mirror)
Weight	13 kg	6.7 kg	3.7 kg	4.9 kg	6.2 kg (without Wall Mount)	5 kg (without Wall Mount)
Power Consumption	940W	620W	370W	490W	410W	380W ¹ / 320W ²³

PROJECTORS SPECIFICATIONS



	Ultra Short Throw	Short Throw		Corporate & Education		
Model	MW843UST ¹ / MX842UST ²	MW820ST ¹ / MX819ST ² / MX806ST ³	MW632ST ¹ / MX631ST ² / MS630ST ³	MH750 ¹ / MH741 ² / MH684 ³	MU706 ¹ / MW705 ² / MX704 ³ / MU686 ⁴	MW571 ¹ / MX570 ²
Native Resolution	WXGA 1280 x 800 ¹ / XGA 1024 x 768 ²	WXGA 1280 x 800 ¹ / XGA 1024 x 768 ²³	WXGA 1280 x 800 ¹ / XGA 1024 x 768 ² / SVGA 800 x 600 ³	1080p 1920 x 1080	WUXGA 1920 x 1200 ¹⁴ / WXGA 1280 x 800 ² / XGA 1024 x 768 ³	WXGA 1280 x 800 ¹ / XGA 1024 x 768 ²
Resolution Supported	VGA (640 x 480) to UXGA (1600 x 1200)	VGA (640 x 480) to WUXGA_RB* (1920 x 1200) *RB = Reduced Blanking ¹² / VGA (640 x 480) to UXGA (1600 x 1200) ³	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking	VGA (640 x 480) to WUXGA (1920 x 1200) *RB = Reduced blanking	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced blanking	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced blanking
Brightness	3000 ANSI lumens	3000 ANSI lumens	3200 ANSI Lumens	4500 ANSI lumens ¹ / 4000 ANSI lumens ² / 3500 ANSI lumens ³	4000 ANSI lumens ¹²³ / 3500 ANSI lumens ⁴	3200 ANSI lumens
Contrast Ratio	13,000 : 1	13,000 : 1	13,000 : 1	10,000 : 1 ¹² / 13,000 : 1 ³	20,000 : 1 ¹⁴ / 13,000 : 1 ²³	13,000 : 1
Throw Ratio	0.37 ¹ / 0.47 ²	0.49 ¹ / 0.61 ²³	0.72 - 0.87 ¹ / 0.9 - 1.08 ²³	1.15 - 1.5 ¹ / 1.15 - 1.49 ²³	1.15 - 1.49 ¹⁴ / 1.55~1.7 ² / 1.96 - 2.15 ³	1.21 - 1.57 ¹ / 1.51 - 1.97 ²
Zoom Ratio	Fixed	Fixed	1.2 x	1.3 x	1.3 ¹⁴ x / 1.1 x ²³	1.3 x
Keystone Correction	Vertical: ± 15°	Vertical: ± 30°	Vertical: ± 30°	Vertical: ± 30°, Horizontal: ± 30°	Vertical: ± 40° ¹⁴ / Vertical: ± 40°, Horizontal: ± 40° ²³	Vertical: ± 40°
Lens	F=2.53, f=5.38 mm	F=2.6, f=6.9 mm	F=2.6-2.78, f=10.2-12.24 mm	F=2.59-2.91, f=16.87-21.87 mm ¹³ / F=2.59-2.87, f=16.88-21.88 mm ²	F=2.59-2.87, f=16.88-21.88 mm ¹⁴ / F=2.56-2.68, f=22.04-24.14 mm ²³	F=2.59-2.87, f=16.88-21.88 mm
Operational Noise (Normal / Eco)	36 / 30 dBA	32 / 28 dBA	33 / 28 dBA	36 / 39 dBA ¹ / 36 / 31 dBA ² / 34 / 29 dBA ³	31 / 28 dBA	33 / 28 dBA
Interface	• Computer Input (D-sub 15pin) x 2 (Shared with component) • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • HDMI x 1 • Audio Input (Mini Jack) x 2 • Audio Output (Mini Jack) x 1 • Audio L / R x 1 • Speaker 10W x 2 • USB (Type mini B) x 1 (FW download) • RJ45 x 1 (LAN control) • RS232 (DB-9pin) x 1 • IR Receiver x 2	• Computer Input (D-sub 15pin) x 2 (share with component) • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1¹² • S-Video Input (Mini DIN 4pin) x 1 • HDMI x 1 • Audio Input (Mini Jack) x 2 • Audio Output (Mini Jack) x 1 • Audio L / R x 1 • Speaker 10W x 2 • USB (Type mini B) x 1 (Download & Page up / down) • RS232 (DB-9pin) x 1 • LAN (RJ45) x 1¹²	• Computer Input (D-sub 15pin) x 1 (Share with component) • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • S-Video Input (Mini DIN 4pin) x 1 • HDMI x 1 • Audio Input (Mini Jack) x 2¹² • Audio Output (Mini Jack) x 1 • Audio L / R Input (RCA) x 1 • Audio Output (Mini Jack) x 1 • Speaker 10W x 1 • USB (Type mini B) x 1 (Download & Page Up / Down) • RS232 (DB-9pin) x 1 • LAN (RJ45) x 1¹² • IR Receiver x 2 (Front +Top)	• Computer Input (D-sub 15pin) x 1 • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • HDMI x2 (HDMI with MHL2.0 x 1, HDMI x 1) • MHL x 1 (HDMI with MHL2.0) • Audio Input (RCA) x 1 • Audio Input (Mini Jack) x 1 • Audio Output (Mini Jack) x 1 • Speaker 10W x 1 • USB (Type mini B) x1 (Download)¹³ • USB (Type A) x1 (Charger) • RS232 (DB-9pin) x 1 • IR Receiver x2 (Front+Rear) • LAN (RJ45) x 1¹	• Computer Input (D-sub 15pin) x 1 (integrate with component) • HDMI x 2 (HDMI with MHL2.0 x 1, HDMI x 1) • MHL x 1 (HDMI with MHL2.0) • Monitor Output x 1 • Composite Video Input (RCA) x 1 • S-Video Input x 1 • Audio Input (Mini Jack) x 1 • Audio Output (Mini Jack) x 1 • Speaker 10W x 1 • USB (Type mini B) x 1²³ • Audio Output (Mini Jack) x 1²³ • Speaker 2W x 1 • USB (Type A) x 1 (1.5A power supply) • USB (Type mini B) x 1¹⁴ • RS232 (DB-9pin) x 1 • IR Receiver x 2 (Front+Top)	• Computer Input (D-sub 15pin) x 2 (shared with component video) • HDMI x 1 • Monitor Output x 1 • Composite Video Input (RCA) x 1 • S-Video Input x 1 • Audio Input (Mini Jack) x 1 • Audio Output (Mini Jack) x 1 • Speaker 10W x 1 • LAN (RJ-45) x 1 • USB (Type mini B) x 1 • RS232 (DB-9pin) x 1 • IR Receiver x 1 (Front)
Dimensions (WxHxD)	339 x 237 x 323 mm	287.3 x 114.4 x 232.6 mm	287.3 x 114.4 x 232.6 mm	314.2 x 116 x 216.3 mm (with feet) 314.2 x 102 x 216.3 mm (without feet)	331 x 129.4 x 246.2 mm (with feet) 331 x 114.4 x 246.2 mm (without feet)	283 x 95 x 222 mm (with feet) 283 x 88.7 x 222 mm (without feet)
Weight	5.4 kg (without Wall Mount)	2.6 kg	2.6 kg	3.3 kg	3.3 kg ¹⁴ / 3 kg ²³	1.9 kg
Power Consumption	330W	270W	305W	390W ¹ / 330W ² / 310W ³	350W	265W ¹ / 280W ²

PROJECTORS SPECIFICATIONS



	Mainstream			Home Cinema		Home Entertainment
Model	MH534 ¹ / MW533 ² / MX532 ³ / MS531 ⁴	MH530 ¹ / MW529 ² / MX528 ³ / MS527 ⁴	MX507 ¹ / MS506 ²	X12000 ¹ / W11000 ²	W8000	W2000 ¹ / W1210ST ²
Native Resolution	1080p, 1920 x 1080 ¹ / WXGA 1280 x 800 ² / XGA 1024 x 768 ³ / SVGA 800 x 600 ⁴	1080p 1920 x 1080 ¹ / WXGA 1280 x 800 ² / XGA 1024 x 768 ³ / SVGA 800 x 600 ⁴	XGA 1024 x 768 ¹ / SVGA 800 x 600 ²	4K UHD 3840 x 2160	1080p 1920 x 1080	1080p 1920 x 1080
Resolution Supported	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB-Reduced Blanking	VGA (640 x 480) to WUXGA_RB (1920 x 1200) * RB = Reduced blanking	VGA (640 x 480) to UXGA (1600 x 1200)	VGA (640 x 480) to 4K UHD (3840 x 2160)	VGA(640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking	VGA(640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking
Brightness	3300 ANSI lumens	3200 ANSI lumens ¹ / 3300 ANSI lumens ²³⁴	3200 ANSI lumens	2200 ANSI lumens	2000 ANSI lumens	2000 ANSI lumens ¹ / 2200 AMSI lumens ²
Contrast Ratio	15,000 : 1	10,000 : 1 ¹ / 13,000 : 1 ²³⁴	13,000 : 1	50,000 : 1	50,000 : 1	15,000 : 1
Throw Ratio	1.28-1.56 ¹ / 1.55-1.86 ² / 1.94-2.32 ³⁴	1.47 - 1.62 ¹ / 1.55 - 1.7 ² / 1.96 - 2.15 ³⁴	1.96 - 2.15 ¹ / 1.86-2.04 ²	1.36 - 2.03	5 interchangeable lenses	1.15 - 1.5 ¹ / 0.69 - 0.83 ²
Zoom Ratio	1.2 x	1.1 x	1.1 x	1.5 x	5 interchangeable lenses	1.3 x ¹ / 1.2 x ²
Keystone Correction	Vertical: ± 40°	Vertical: ± 40°	Vertical: ± 40°	Vertical: ± 65°, Horizontal: ± 27°	Vertical: ± 30°	Vertical: ± 30°, Horizontal: ± 30° ¹ / Vertical: ± 20° ²
Lens	F=2.42-2.62, f=19.0-22.65 ¹ / F=2.46-2.66, f=21.8-25.6 ²³⁴	F=2.55-2.68, f=22-24.1 mm ¹ / F=2.56-2.68, f=22-24.1 mm ² / F=2.56-2.8, f=21-23.1 mm ³ / F=2.56-2.68, f=22.04-24.14 mm ⁴	F=2.56-2.68, f=22.04-24.14 mm ¹ / F=2.56-2.8, f=21-23.1 mm ²	F=2.05-2.37, f=20.54-30.31 mm	5 interchangeable lenses	F=2.59-2.87, f=16.88-21.88 mm ¹ / F=2.6-2.78, f=10.2-12.24 mm ²
Operational Noise (Normal / Eco)	32 / 29 dB	33 / 28 dBA	33 / 28 dBA	31 / 23 dBA ¹ / 26 / 23 dBA ²	31 / 28 dBA	29 / 27 dBA
Interface	• PC (D-sub 15pin) x 2 (5V Signal Detect) • Monitor Output (D-sub 15pin) x 1 (for computer 1 only) • HDMI (v1.4a) x 2 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • Audio Input (Mini Jack) x 1 • Audio Output (Mini Jack) x 1 • Speaker 2W x 1 • USB (Type Mini B) x 1 • RS232 (DB-9pin) x 1	• Computer Input (D-sub 15pin) x 2 (Share with component) • Monitor Output (D-sub 15pin) x 1 (Only support Computer 1) • Composite Video Input (RCA) x 1¹² • S-Video Input (Mini DIN 4pin) x 1 • HDMI x 1 • Audio Input (Mini Jack) x 1 • Audio Output (Mini Jack) x 1 • Speaker 2W x 1 • USB (Type mini B) x 1 (Download & page/down) • RS232 (DB-9pin) x 1 • IR Receiver x 1 (Front)	• Computer Input (D-sub 15pin) x 2 (Share with component) • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • Audio Input (Mini Jack) x 1 • Audio Output (Mini Jack) x 1 • Speaker 2W x 1 • USB (Type mini B) x 1 (Download & Page/down) • RS232 (DB-9pin) x 1 • IR Receiver x 1 (Front)	• PC (D-Sub) x 1¹ • HDMI x 2 (HDMI 1: HDMI 2.0 & HDCP 2.2; HDMI 2: HDMI 1.4a & HDCP 1.4) • USB (Type mini B) x 1 (Service) • LAN x 1 • RS232 x 1 • DC 12V Trigger x 2 • IR Receiver x 2 (Front & Black) • IR Input x 1 • D-Sub x 1²	• Computer Input (D-sub 15pin) x 1 • Composite video Input (RCA) x 1 • Component video Input x 1 • HDMI-1 x 1 • HDMI-2 / MHL x 1 • USB (Type A) x 1 (5V/1.5A power supply) • USB (Type B) x 1 (Service) • RS232 (DB-9pin) x 1 • DC 12V Trigger x 1 • 3D sync Output x 1 • IR receiver x 2 (Front & Rear)	• PC (D-Sub) x 1 • Composite Video Input x 1¹ • Component Video Input x 1¹ • HDMI x 3¹ • HDMI x 2² • MHL x 2¹ (Share with HDMI-2 & HDMI-3) • MHL x 1 (Share with HDMI-2)² • Audio Input x 1 • Audio L / R Input x 1¹ • Audio Output x 1 • Chamber Speaker 10W x 2 • USB (Type A) x 1 (5V / 1.5A power supply) • USB (Type B) x 1 (Inside projector for WDP02 power supply)¹ • USB (Type mini B) x 1 (Service) • RS232 x 1 • DC 12V Trigger x 1 • IR Receiver x 2 (Front & Top)
Dimensions (WxHxD)	332.4 x 239.5 x 98.9 mm ¹³⁴ 332.4 x 214.3 x 99 mm ²	283 x 95 x 222 mm (with feet) 283 x 88.7 x 222 mm (without feet)	283 x 95 x 222 mm (with feet) 283 x 88.7 x 222 mm (without feet)	470.7 x 224.9 x 564.7 mm	431 x 167 x 321 mm	380.5 x 121.7 x 277 mm
Weight	2.38 kg	1.96 kg ¹ / 1.9 kg ²³⁴	1.8 kg	18.2 kg ¹ / 14.8 kg ²	8.8 kg	3.6 kg
Power Consumption	260W	270W	270W	530W ¹ / 318W ²	370W	353W

PROJECTORS SPECIFICATIONS



	Home Entertainment		LED	
Model	W1090 ¹ / TH683 ²	TH682ST ¹ / TH530 ²	CH100	GSI
Native Resolution	1080p 1920x 1080	1080p 1920 x 1080	1080p 1920 x 1080	720p 1280 x 720
Resolution Supported	VGA (640 x 480) to WUXGA (1920 x 1200)	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced blanking	VGA (640 x 480) to UXGA (1600 x 1200)	VGA (640 x 480) to UXGA (1600 x 1200)
Brightness	2000 ANSI lumens ¹ / 3200 ANSI lumens ²	3000 ANSI lumens ¹ / 3200 ANSI lumens ²	1000 ANSI lumens	300 ANSI lumens
Contrast Ratio	10,000 : 1	10,000 : 1	100,000 : 1	100,000 : 1
Throw Ratio	1.15 - 1.5	0.69 - 0.76 ¹ / 1.47 - 1.62 ²	1.108	0.8
Zoom Ratio	1.3 x	1.1 x	Fixed	Fixed
Keystone Correction	Vertical: ± 40°	Vertical: ± 40°	Vertical: ± 20°	Vertical: ± 40°
Lens	F=2.59-2.87, f=16.88-21.88 mm	F=2.6-2.7 f=10.2-11.22 mm ¹ / F=2.55-2.68, f=22-24.1 mm ²	F=1.5, f=11.62 mm	F=1.5, f=5.53 mm
Operational Noise (Normal / Eco)	36 / 32 dBA ¹ / 34 / 29 dBA ²	36 / 33 dBA ¹ / 33 / 28 dBA	30 / 28 dBA	30 / 28 dBA
Interface	• Computer Input (D-sub 15pin) x 1 (integrate with component) • HDMI x 2 (HDMI with MHL2.0 x 1, HDMI x 1) • MHL x 1 (HDMI with MHL2.0) • Composite Video Input (RCA) x 1¹ • Audio Input (Mini Jack) x 1 • Audio Input (L / R) x1 • Audio Output (Mini Jack) x 1 • Speaker 10W x 1 +Maxx • USB (Type A) x 1 • USB (Type mini B) x 1 (service only) • RS232 (DB-9pin) x 1 • IR Receiver x 2 (Front and Rear)	• Computer Input (D-sub 15pin) x 1 x 1¹ x 2² • Monitor Output (D-sub 15pin) x 1 • Composite Video Input (RCA) x 1 • S-Video Input (Mini DIN 4pin) x 1 • HDMI x 1 • Audio Input (Mini Jack) x 1 • Audio Output (Mini Jack) x 1 • Speaker 10W x 1¹ • Speaker 2W x 1² • USB (Type mini B) x 1 (Download & page / down)² • RS232 (DB-9pin) x 1² • IR Receiver x 1 (Front)²	• Computer Input (D-sub 15pin) x 1 • HDMI x 3 • MHL x 1 share with HDMI • Audio Input (Mini Jack) x 1 (3.5 mm) • Audio Output (Mini Jack) x 1 (3.5 mm) • Speaker 5W x 2 • USB (Type A) x 1 (for 1.5A power supply) • USB (Mini B) x 1 (for FW upgrade) • RS-232 x 1 (for service) • IR Receiver x 2 (Front and Back)	• HDMI / MHL x 1 • USB 3.0 (Type A) x 1 (USB reader) • USB 2.0 (Type A) x 1 (USB reader) • Audio Output (Mini Jack) x 1 (3.5 mm) • Micro SD card x 1 • Speaker 2W x 2 • IR Receiver x 2 (Front and Back) • Bluetooth 4.0 streaming audio to speaker • Wireless Antenna 2.4G / 5G Dual band, 2T2R
Dimensions (WxHxD)	346.24 x 101.7 x 214.81 mm	311.8 x 104.7 x 247.5 mm ¹ / 283 x 95 x 222 mm ²	325 x 63 x 213 mm (without feet)	146 x 139.2 x 65.7 mm (with battery) 146 x 139.2 x 46.5 mm (without battery)
Weight	2.75 kg ¹ / 2.65 kg ²	2.8 kg ¹ / 1.96 kg ²	2.5 kg	Projector: 0.57 kg Battery: 0.4 kg
Power Consumption	270W	280W ¹ / 270W ²	125W	45W



	Wireless solution
Model	InstaShow™
Support Platform	Windows, MAC, Chrome. Any OS supports HDMI standard 1.4
Video Outputs	HDMI 1.4, comply with HDCP
Frame Rate	Up to 30 fps depending on environment
Output Resolution	800x600, 1280x720(720P), 1024x768 (XGA), 1280x768 1280x800 (WXGA), 1280x1024, 1280x960 1360x768, 1440x900, 1400x1050, 1680x1050, 1920x1080 (1080p)
Input Resolution	Up to 1920x1080
Simultaneous Connections	16 pcs
Audio	Stereo, Radio quality 16 bits 48KHz
Wireless	IEEE 802.11ac, 5GHz, 2T2R
Data Rate Wireless	Up to 400Mbps
Authentication Protocol	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)
Security (encryption)	AES 128 bit
Reach	Max. 8m between InstaShow Button and InstaShow Host

INTERACTIVE FLAT PANEL

AG+ Screen

RP653 and RP703 are empowered with an AG+ Screen to deliver germ-resistant performance. With ionic silver (Ag+) agent coated on the screen, the panel can kill most bacteria on contact by disrupting their cell-division mechanism and effectively block the spread of bacteria at work.

Up-to-20-Point Multi-Touch Interactivity

BenQ RP Series multi-touch supports up to 20 points, meaning more participants can join the discussion.

Easy-to-Access Bezel Design with Multiple Connectivity

Media USB and Slot-in-PC ports are integrated into the bezel design to ensure a friendly user experience. The media USB port allows people to share photos, music and videos from any USB device. The Slot-in-PC port makes the IFP compliant with x86 and Windows systems.

Total Eye-Care Solution

Designed with people's eyesight in mind, RP Series are built with proprietary eye-care technology in order to deliver a zero-flicker viewing experience with ultra-low blue light emission. This can prevent eyestrain and eye fatigue.



Flicker-free



Low Blue Light



Anti-glare

Touch Driver-free for Instant Plug and Play

BenQ RP Series touch technology is totally driver-free. By connecting the computer to the display via USB, people can instantly access the touch technology and start presenting.

Display Management Support

Multiple Display Administrator (MDA)

Remotely control your displays with MDA via LAN or RS232. It's an effective way to lower TCO and energy consumption for your operation.

EasySetting

Install Android™ apps for a selection of displays through BenQ cloud server. EasySetting can save you from repetitive manual installation work.

Over-the-Air Update (OTA)

Upgrade your displays with the latest BenQ firmware via BenQ's OTA update support to keep them running smoothly at all times.

4K Ultra HD Resolution for Stunning Image Clarity

A visually compelling 4K ultra HD image performance on RP790 and RP840G does more than capture attention. It also ensures the highest viewing clarity for detail-oriented images.

Fun and Easy Annotation Solution EZWrite3.0

EZWrite3.0 is the ultimate annotation app that is designed to facilitate interactive learning with a tap. More than just taking notes, EZWrite3.0 also comes with all sorts of tools that can inspire cooperation and participation.

NFCPen

NFCPen is a lightweight, NFC-enabled stylus specially designed to make annotating with EZWrite3.0 an ultra-simple experience. NFCPen offers the tactile feel of a real pen and spares your fingers the fatigue caused by long sessions of writing on the screen.

QTouch Annotation Software

QTouch allows you to design teaching materials right on PC at anytime. By connecting your PC to the RP Series, you can soon engage students with customized content.

Zoom Web Conference

Zoom is our easy-to-use web conferencing service that unifies cloud video conferencing, simple online meetings and discussion management.

SMART SIGNAGE SOLUTION

Easy to Use

X-Sign: A Simple Solution for the Whole Workflow

The X-Sign signage app helps you customize, edit, manage and play the content to be showcased, allowing you to instantaneously engage your customers.

4K2K UHD Display for Unparalleled Clarity

An ultra-high definition resolution of 4K2K (3840 x 2160) offers four times more information and workspace than a 1080p full HD display.

Flawless Display in Portrait View

To ensure a flawless portrait display, a structure featuring more solid fixing points on all edges is employed to prevent "mura" image distortion.

24/7 Operation

An amazing life of 50,000 hours translates to years of non-stop display service and reliable industrial-class performance.

INTERACTIVE SIGNAGE

Up to 10-point Multi-Touch Display

Based on the infrared (IR) technology, the IL Series offers the highest number of touch points in the current digital signage market.

Omnitapps Multi-Touch Software

Omnitapps Showcase allows you to create annotations, on top of playing and navigating between various multimedia files.

Optimized for Portrait Mode

Preventing "Mura" image distortion commonly seen on vertically placed consumer displays.

24/7 Operation

An amazing life of 50,000 hours translates to years of non-stop display service.

Easy to Manage

X-Sign: Flexible Management Tools

Single or multiple display management and content distribution via Internet to save time, costs and efforts.

Multiple Display Administrator (MDA)

The MDA application helps you control and manage multiple displays simultaneously through your local network.

Easy to Install

X-Sign Manager: A Cloud Solution

Designed to help you manage and distribute content remotely via BenQ cloud service.

Lightweight Design

Designed to be light our smart signage displays can be easily mounted to suit diverse uses. The stand is included with most models.

Multiple Display Administrator (MDA)

The MDA application helps you control and manage multiple displays simultaneously through your local network.

PiP/PbP

The PiP/PbP feature displays content from two independent video sources simultaneously.

Anti-Image Retention

Capable of preventing burned-in effects even after extended usage.

DisplayPort

With a whopping 10.8Gbps bandwidth, it's what keeps your content attractive, distortion-free, and in longer distances than conventional DVI and HDMI.



X-Sign

BenQ's exclusive X-Sign software is the cloud-based content management software that makes it easy to create, schedule and display content. Whether for a coffee shop with a single display or a worldwide franchise business with an extensive display network, X-Sign software allows you to create content from hundreds of templates, schedule content distribution and monitor display performance in real-time. Requiring no server set-up, X-Sign is your one-stop solution to begin conversing with your customers – at minimal cost of manpower and resources.



BAR-TYPE SERIES

Multi-Formational Display

With special proportional sizes modified by an innovative, patented panel-cutting technology, our bar-type displays cater to unique spatial demands, such as public transit systems, elevators, bank interior display monitors, or any display area that calls for long and narrow designs.

Optimized for Landscape and Portrait Mode

Unlike anything else on the market, our bar-type displays are built to ensure a flawless portrait view. With a structural design that employs more solid fixing points on all edges, we are able to prevent “Mura” image distortion.

24/7 Operation

An amazing life of 50,000 hours.

Superior Build

The metal case exterior possesses a higher reliability than a plastic case, making the bar-type displays ideally suited to a wide range of locations.

X-Sign Content Management Software

Customize and manage your message, designed to help you engage your customers by offering more than 50 templates for a wide range of applications.

High Brightness

At 1000 nits brightness, our BH28I offers striking colors and clarity even in brightly lit environments. Both displays fully support your indoor and semi-outdoor applications.

SUPER NARROW BEZEL SERIES

As Close as it Gets

Ultra slim bezel at 3.5mm bezel-to-bezel.

DP Daisy Chain Delivering 4K Clarity

Featuring industry-leading DisplayPort 1.1a daisy chain technology, the PL Series is equipped to display stunning 4K UHD images across a video wall installation up to 15x15 without using splitters.

USB Flash Drive Connectivity

Plug your USB flash drive into the first PL Series of your HDMI daisy chain-connected video wall to play multimedia content through BenQ's EZ suite software interface instantly. No extra media players needed.

Color Calibration

This true time-saver lets you unify a video wall color profile efficiently and precisely. Our Color Calibration software allows you to complete the calibration in three easy steps. It is also one of the few software applications available on the market to perform simultaneous WRGB calibration!

One Media Player, Two sets of Content

All you need is one media player to display content on either side of your double-sided display via HDMI, saving you considerable time and effort on setup and making it super easy to access and make any necessary changes to the content being displayed.

Ultra Slim Sophistication

The world's slimmest aero-thin panel design is set at less than 23.4mm – about the width of your thumb.

Custom Service Support

- Protective glass cover for floor stand installation
- Touch interactivity with added touch sensing module

24/7 Operation

An amazing life of 50,000 hours.

178°/178° Wide-Viewing Angles

The incorporation of MVA technology enables a symmetrical viewing angle of 178° from all directions. Hence, your vivid, high-quality image can be viewed from every standpoint for the maximum exposure.

Optimized For Landscape and Portrait Mode

Preventing “Mura” image distortion.

High Brightness

A high brightness level of up to 700 nits is achieved on both sides of the ultra-slim display to fully support indoor and semi-outdoor applications.

LARGE FORMAT DISPLAYS SPECIFICATIONS

	Interactive Flat Panel					
Model	RP552H	RP653	RP703	RP750K	RP790	RP840G
Screen Diagonal	55"	65"	70"	75"	79"	84"
Back Light	Direct LED	Direct LED	Direct LED	Direct LED	LED	Direct LED
Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
Brightness	350 nits	350 nits	300 nits	450 nits	400 nits	350 nits
Contrast Ratio	1,200 : 1	1,400 : 1	4,000 : 1	5,000 : 1	1,200 : 1	1,600 : 1
Viewing Angle (Horizontal / Vertical)	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Response Time	6ms	6ms	8ms	6ms	5ms	8ms
Panel Bit	8 bit	8 bit	8 bit	10 bit	10 bit	10 bit
Light Life	30,000hrs	30,000hrs	30,000hrs	35,000hrs	30,000hrs	50,000hrs
Orientation	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape
Touch Solution	Touch Technology	IR Touch	IR Touch	IR Touch	IR Touch	IR Touch
	Multi-touch	Up to 10 points	Up to 20 points	Up to 20 points	Up to 10 points	Up to 10 points
	Glass Thickness	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass
	OS Supported	Windows XP,Windows Vista,Windows 7,Windows 8,Windows 10, Mac OS X 10.6~10.11, Linux, Chrome OS 34.0.1847.134 , Ubuntu 10.4~ 12.04 / Fedora 10				
AG Coating	80%	80%	80%	80%	80%	80%
Built-in Speaker	10W x 2	10W x 2	10W x 2	10W x 2	10W x 2	10W x 2
Interface	• Audio Input (RCA) x 1; L / R, in mini CVBS • Line Output 3.5 mm • Line Input 3.5 mm x 3, along with 3VGA Input • COAX Output • Power (AC) Input • Power switch • VGA Input x 3 • VGA Output • HDMI Input 1.3 x 3 • Composite video Input (BNC, RCA share with mini CVBS) • USB port (for USB playback) x 4; USB2.0 x 3; USB3.0: x 1 • RS232 Input • RJ45 Port • FW Update (USB / RS232 / OTA) • Slot-in-PC slot	• Audio Input (RCA) x 1; L / R, in mini CVBS • Line Output 3.5 mm • Line Input 3.5 mm x 3, along with 3VGA Input • COAX Output • Power (AC) Input • Power switch • VGA Input x 3 • VGA Output • HDMI Input 1.3 x 3 • Composite video Input (BNC, RCA share with mini CVBS) • USB port (for USB playback) x 4; USB2.0 x 3; USB3.0: x 1 • RS232 Input • RJ45 Port • FW Update (USB / RS232 / OTA) • Slot-in-PC slot	• Audio Input (RCA) x 1; L / R, in mini CVBS • Line Output 3.5 mm • Line Input 3.5 mm x 3, along with 3VGA Input • COAX Output • Power (AC) Input • Power switch • VGA Input x 3 • VGA Output • HDMI Input 1.3 x 3 • Composite video Input (BNC, RCA share with mini CVBS) • USB port (for USB playback) x 4; USB2.0 x 3; USB3.0: x 1 • RS232 Input • RJ45 Port • FW Update (USB / RS232 / OTA) • Slot-in-PC slot	• Audio Input (RCA) x 1; L / R, in mini CVBS • Line Output 3.5 mm • Line Input 3.5 mm (same port as Audio Input) • COAX Output • Power (AC) Input • Power switch • VGA Input • HDMI Input 1.4 x 2; 2.0 x 1 • HDMI Output • Composite video Input (BNC) • USB port (for USB playback) x 5; USB2.0 x 4; USB3.0: x 1 • RS232 Input • RJ45 Port • FW Update (USB / RS232 / OTA) • Slot-in-PC slot	• Audio Input (L / R, RCA) • Audio Output (L / R, RCA) • Line Ouput 3.5 mm x 2 • MIC 3.5 mm • Line Input 3.5 mm • COAX Output • Power (AC) Input • Power switch • VGA Input x 3 • VGA Output • HDMI Input 1.3 x 3 (MHL x 1) + 1.4 x 1 • HDMI Output • Composite video Input (BNC, RCA) • Composite video Output (BNC, RCA) • Component Input (YPbPr, RCA) • USB port (for USB playback) x 2 • USB port (USB extender) x 2 for OPS • RS232 Input • RS232 Output • RJ45 Port • FW Update (USB / OTA) • Intel OPS	• Audio Input (RCA) x 1; L / R, in mini CVBS • Line Output 3.5 mm • Line Input 3.5 mm x3, along with 3VGA Input • COAX Output • Power (AC) Input • Power switch • VGA Input x 3 • VGA Output • HDMI Input 1.3 x 3 (MHL x 1) + 1.4 x 1 • Composite video Input (BNC, RCA share with mini CVBS) • USB port (for USB playback) x 2; USB2.0: x 1; USB3.0: x 1 • RS232 Input • RJ45 Port • FW Update (USB / RS232 / OTA) • Slot-in-PC slot
Dimensions (W x H x D) (Without Packing / With Packing)	1304 x 800 x 97 mm / 1458 x 932 x 220 mm	1523 x 924 x 98 mm / 1697 x 1071 x 220 mm	1665 x 1015 x 98 mm / 1803 x 1160 x 243 mm	1775 x 1051 x 99 mm / 1913 x 1225 x 280 mm	1847 x 1093 x 95 mm / 2115 x 1400 x 360 mm	1978 x 1187 x 96 mm / 2170 x 1370 x 320 mm
Weight (Without Packing / With Packing)	33 kg / 42 kg	46 kg / 57 kg	55 kg / 68 kg	85 kg / 105 kg	87 kg / 112 kg	107 kg / 135 kg
Power Consumption (Max)	162W	211W	222W	TBD	250W	550W

LARGE FORMAT DISPLAYS SPECIFICATIONS

     						
	Interactive Signage		Smart Signage Series			
Model	IL420	ST430K	ST550K	ST650K	SL490	SL550
Screen Diagonal	42"	43"	55"	65"	49"	55"
Back Light	Edge LED	Direct LED	Direct LED	Direct LED	Edge LED	Edge LED
Resolution	1920 x 1080 (FHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Brightness	400 nits	380 nits	350 nits	450 nits	450 nits	450 nits
Contrast Ratio	3,000 : 1	1,200 : 1	1,200 : 1	1,200 : 1	1,100 : 1	1,100 : 1
Viewing Angle (Horizontal / Vertical)	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Response Time	6.5ms	8ms	6ms	8ms	12ms	12ms
Panel Bit	8 bit	10 bit	10 bit	10 bit	8 bit	8 bit
Usage (hrs / days)	24 / 7	18 / 7	18 / 7	18 / 7	24 / 7	24 / 7
Light Life	50,000 hrs	30,000hrs	30,000hrs	30,000hrs	50,000hrs	50,000hrs
Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape	Landscape / Portrait	Landscape / Portrait
Touch Solution	Touch Technology	IR Touch				
	Multi-touch	Up to 10 points				
	Glass Thickness	8H, 3mm+0mm / -0.3mm				
	OS Supported	Windows 2000 / Vista / XP / 7 / 8 / 8.1 / 10 Mac: 10.6.4+ / 10.7 / 10.8 / 10.9 / 10.10 / 10.11				
Built-in Speaker	12W x 2	8W x 2	8W x 2	8W x 2	10W x 2	10W x 2
Interface	• Audio Input (L / R, RCA) • Audio Output (L / R, RCA) • External Speaker Output (L / R) • Line Input 3.5 mm • Power (AC) Input & Output • Power switch • VGA Input • VGA Output (3 x 3 Daisy Chain) • DVI Input • HDMI Input • Composite video Input & Output (BNC) • Component Input (YPbPr, RCA) • Component Output (YPbPr, RCA) • S-Video Input • Display Port Input • RS232 Input & Output • RJ45 Port (for control) • FW Update (RS232 / LAN)	• Audio Input (L / R, RCA) • Audio Output (L/R, RCA) 3.5 mm, Coanoial Output • Power (AC) Input 100v~240v • VGA Input • HDMI Input 1.4 x 3 • Composite video Input (RCA) • Composite video Output (RCA) • Component Input (YPbPr, RCA) • USB port x 4; USB2.0 x 3 + USB3.0 x 1 • RJ45 Port • RJ45 Port (for control) • FW Update (USB / OTA)	• Audio Input (L / R, RCA) • Audio Output (L / R, RCA) • Power (AC) Input • VGA Input • HDMI Input 1.4 x 3 • Composite video Input (RCA) • Composite video Output (RCA) • Component Input (YPbPr, RCA) • USB port x 4; USB2.0 x 3 + USB3.0 x 1 • RJ45 Port • RJ45 Port (for control) • FW Update (USB / OTA)	• Audio Input (L / R, RCA) • Audio Output (L / R, RCA) 3.5 mm, Coanoial Output • Power (AC) Input 100v~240v • Power switch • VGA Input • Composite video Input (RCA) • Composite video Output (RCA) • Component Input (YPbPr, RCA) • USB port x 4; USB2.0 x 3 + USB3.0 x 1 • RJ45 Port • RJ45 Port (for control) • FW Update (USB / OTA)	• Audio Output (L / R, RCA) 3.5 mm Mini Jack Line out • Line Input 3.5 mm Mini Jack • Power (AC) Input • Power switch • VGA Input (Combine with DVI-I) • DVI Input • DVI Output • HDMI Input 1.4 x 2 • Display Port Input • Display Port Output • USB port x 3; USB 2.0 x 2 + micro USB x 1 • RJ45 Port • RS232 Input • RS232 Output • RJ45 Port (for control) • FW Update (USB / RS232 / OTA) • IR Loop Through 3.5 mm	• Audio Output (L / R, RCA) 3.5 mm Mini Jack Line out • Line in 3.5 mm Mini Jack • Power (AC) Input • Power switch • VGA Input (Combine with DVI-I) • DVI Input • DVI Output • HDMI Input 1.4 x 2 • Display Port Input • Display Port Output • USB port x 3; USB 2.0 x 2 + micro USB x 1 • RJ45 Port • RS232 Input • RS232 Output • RJ45 Port (for control) • FW Update (USB / RS232 / OTA) • IR Loop Through 3.5 mm
Dimensions (W x H x D)	985.8 x 578.4 x 105.9 mm	970 × 564 × 74 mm without stand 970 × 616 × 222 mm with stand	1247 × 725 × 80 mm without stand 1247 × 791 × 324 mm with stand	1462 × 844 × 88 mm without stand 1462 × 903 × 286 mm with stand	1097.3 x 633.6 x 45.5 mm	1233.1 x 710 x 45.5 mm
Weight (Without Packing / With Packing)	24.5 kg / 30.1 kg	9.5 kg / 12 kg	16 kg / 20 kg	20 kg / 28 kg	14.7 kg / 19.9 kg	18 kg / 24.4 kg
Power Consumption (Max)	150W	98W	155W	200W	121W	139W

LARGE FORMAT DISPLAYS SPECIFICATIONS

     						
	Super Narrow Bezel Series		Bar-type Series		Double-sided Series	
Model	PL490	PL552	BH281	BH380	DH551C	DH551F
Screen Diagonal	49"	55"	27.6"	38"	55"	55"
Back Light	Direct LED	Direct LED	Edge LED	Edge LED	Edge LED	Edge LED
Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 360	1920 x 545	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Brightness	450 nits	500 nits	1,000 nits	800 nits	700 nits / 700 nits	700 nits / 700 nits
Contrast Ratio	1,300 : 1	1,400 : 1	1,000 : 1	4,000 : 1	3,000 : 1	3,000 : 1
Viewing Angle (Horizontal / Vertical)	178° / 178°	178° / 178°	170° / 170°	178° / 178°	178° / 178°	178° / 178°
Response Time	8ms	12ms	25ms	9ms	6.5ms	6.5ms
Panel Bit	10 bit	10 bit	8 bit	8 bit	8 bit	8 bit
Usage (hrs / days)	24 / 7	24 / 7	24 / 7	24 / 7	24 / 7	24 / 7
Light Life	50,000hrs	50,000hrs	60,000hrs	50,000hrs	50,000hrs	50,000hrs
Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
Built-in Speaker	10W x 2	10W x 2				
Interface	• Audio Output (L / R, RCA) • External Speaker Output (L / R) • Line Input 3.5 mm • Power (AC) Input • Power switch • VGA Input • DVI Input • DVI Output (5x5 Daisy Chain) • DVI with HDCP up to 7th monitor • HDMI Input x 2 • Composite video Input • Component Input (YPbPr, RCA) • Display Port Input • Display Port Output (15 x 15 Daisy Chain) DP with HDCP up to 7th monitor • USB port (USB2.0) • RJ45 Port • RS232 Input & Output • RJ45 Port (for control) • FW Update (only USB) • IR Loop Through 3.5 mm (only support one IR OUT not multi IR connection) • OPS / Option board slot	• Audio Output (L / R, RCA) • External Speaker Output (L / R) • Line Input 3.5 mm • Power (AC) Input • Power switch • VGA Input • DVI Input • DVI Output (5 x 5 Daisy Chain) DVI with HDCP up to 7th monitor • HDMI Input x 2 • Composite video Input • Component Input (YPbPr, RCA) • Display Port Input • Display Port Output (15 x 15 Daisy Chain) DP with HDCP up to 7th monitor • USB port (USB2.0) • RJ45 Port • RS232 Input & Output • RJ45 Port (for control) • FW Update (only USB) • IR Loop Through 3.5 mm (only support one IR OUT not multi IR connection) • OPS / Option board slot	• Line Input 3.5 mm • Power (AC) Input • VGA Input • HDMI Input • USB port (USB2.0) CN: FW upgrade; BH281 will have plug & play function after WW Sku release • RS232 Input • FW Update (by USB)	• Audio Output (L / R, RCA) 3.5 mm • Power (AC) Input • VGA Input • DVI Input (DVI compatible with HDMI) • RS232 Input • FW Update (by RS232)	• Power (AC) Input • Power switch (on bottom housing) • HDMI Input x 2	• Power (AC) Input • Power switch (on Power box) • HDMI Input x 2
Dimensions (W x H x D)	1077.6 x 607.8 x 103.8 mm	1213.4 x 684.2 x 103.4 mm	729.1 x 170.8 x 43.1 mm	980.9 x 303.2 x 43.6 mm	2029.7 x 861.9 x 62.4 mm	1515.9 x 856.8 x 23.4 mm
Weight (Without Packing / With Packing)	21.6 kg / 34.3 kg	29.2 kg / 43.5 kg	4.0 kg / 7.0 kg	6.4 kg / 10.2 kg	Display: 41 kg / 55 kg Stand: 53.5 kg / 62 kg	49.5 kg / 63.5 kg
Power Consumption (Max)	235W	320W	54W	80W	275W	275W

BECAUSE IT MATTERS

Under the brand philosophy, 'Because It Matters', BenQ strengthens and adds to its commitment to elevate and enrich the aspects of life that matter most to people today – lifestyle, business, healthcare and education, empowering them to live better, increase efficiency, feel healthier and enhance learning through people-driven, innovation-fueled products, services and solutions, ranging from digital projectors, professional monitors, interactive large-format displays, imaging devices, mobile computing devices and LED lighting solutions.

L **Lifestyle**
Living better

B **Business**
Increasing efficiency

H **Healthcare**
Feeling healthier

E **Education**
Enhancing learning

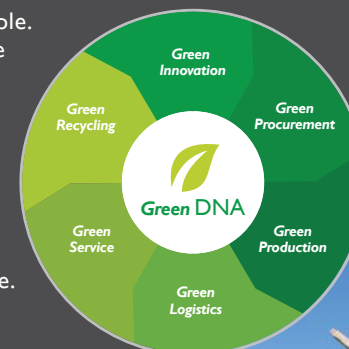


We are involved in the things that have the greatest impact on the enjoyment and quality of LIFE today.

CORPORATE SOCIAL RESPONSIBILITY

Our Commitment to People and the Planet

BenQ is dedicated to doing more for people. This includes not only the people who use BenQ's products and services, but all the people in the world today. Our commitment to corporate social responsibility begins with our product development and manufacturing processes, extends to our team members and partners, and continues on to the environment and society at large.



Our Green DNA

Protecting our planet is part of everything we do. We focus on energy conservation, environmental protection, and the conservation of resources in all of our manufacturing processes as well as in our daily operations. For our customers, we strive to provide them with smart product choices with significantly lower carbon footprints. Simply put, we remain firmly dedicated to protecting the earth and preserving the environment.



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Because it matters

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