

Marketing Name	BL2420PT	BL2420U	BL2710PT	BL2711U	BL3200PT	BL3201PT
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LCD Size	23.8" W	23.6" W	27" W	27" W	32" W	32" W
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Resolution (max.)	2560x1440	3840x2160 at 60Hz (DP, HDMI-2) 3840x2160 at 30Hz (DVI, HDMI-1)	2560x1440	3840x2160 at 60Hz (DP, HDMI-2) 3840x2160 at 30Hz (DVI, HDMI-1)	2560x1440	3840x2160 at 60Hz (DP) 3840x2160 at 30Hz (DVI, HDMI)
Display Area (mm)	526.85x296.35	521.28x293.22	596.7x335.6	596.16x335.34	708.4x398.5	708.5x398.5
Brightness (typ.)	300	300	350	300	300	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	3000:1	1000:1
Dynamic contrast ratio	20M:1	20M:1	20M:1	20M:1	20M:1	20M:1
Panel Type	IPS technology	IPS technology	IPS technology	IPS technology	VA	IPS technology
Viewing Angle	178/178	178/178	178/178	178/178	178/178	178/178
Response Time (Tr+Tf) typ.	5ms	7ms	4ms	4ms	4ms	4ms
Color Depth	8bits	8bits	10bits	10bits	10bits	10bits
Display Colors	16.7 Million	16.7 Million	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion
Color Gamut	100% sRGB	100% sRGB	100% sRGB	100% sRGB	100% sRGB	100% sRGB
Monitor						
Input Connector	D-sub / DVI-DL / DP1.2 / HDMI1.4 / headphone jack / line in	DVI-DL / HDMI1.4 / HDMI2.0 / DP1.2 / headphone jack / line in	D-sub / DVI-DL / HDMI1.4 / DP1.2 / headphone jack / line in	DVI-DL / HDMI1.4 / HDMI2.0 / DP1.2 / headphone jack / line in	D-sub / DVI-DL / HDMI1.4 / DP1.2 / headphone jack / line in	DVI-DL / HDMI1.4 *2 / DP1.2 / mDP1.2 / headphone jack / line in
Net Weight (kg)	7.1	7.1	8.2	8	13	13
Special Feature						
CAD/CAM mode	Yes	Yes	Yes	Yes	Yes	Yes
Animation mode	Yes	Yes	Yes	Yes	Yes	Yes
Low Blue Light	Yes	Yes	Yes	Yes	Yes	Yes
Flicker Free	Yes	Yes	Yes	Yes	Yes	Yes
OSD controller	NA	NA	NA	NA	Yes	Yes
Regulations						
TCO	TCO 6.0	TCO 6.0	TCO 6.0	TCO 6.0	TCO 6.0	TCO 6.0
Energy Star	6.0	6.0	6.0	6.0	6.0	6.0

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The Closer You Look, the More Beauty You See.



BenQ BL Series

Be Amazed by Spectacular Details



BenQ BL Series

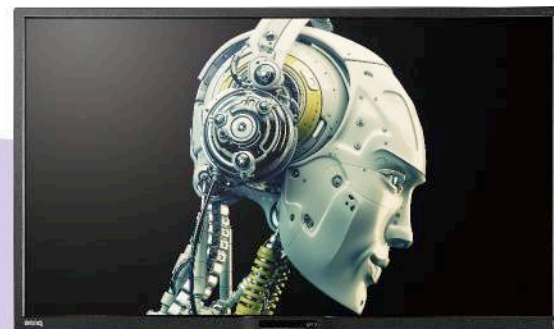
Professional Monitors Engineered for Design Precision

The progression of visual tools and applications in this digital era calls for display technologies to advance at full capacity to meet the rising demands – with the latest being for larger screens and more resolutions to fill them.

A world-leading display manufacturer with unwavering commitment to provide the highest quality of service and products, BenQ brings an all-new flagship to its extensive lineup of BL Series professional monitors, the BL3201PT, a stunning 32"W display built with IPS technology and the latest 4K2K ultra-high-definition resolution, as a part of its continued effort to support the visual-intensive work required in the fields of CAD/CAM, animation, video editing and graphics arts. So professionals with a meticulous eye for detail can work with perfect precision and achieve high productivity.



BL2710PT
QHD



BL3200PT
QHD

An Extraordinary Professional Color Display

with 100% sRGB and BenQ's Advanced IPS Technology

Every color is delivered with the finest precision in every detail and at every possible viewing angle for a great viewing experience. With a 10-bit panel that renders more than one billion hues, every image is displayed with the richest, liveliest colors.

178°/178° Ultra-Wide-Viewing Angles

For a faithful visual display of truly authentic colors and details from virtually any perspective – left, right, above and below.

100% sRGB with Ultra-Vivid IPS Technology

For images that exceed the color performance of standard 72% NTSC monitors with exceptionally rich hues and vibrant tones.

Color Shift-Free Display

For the most consistent color definition with reduced visibility of color shift between normal and oblique viewing angles.



BL3201PT
UHD(4K2K)

CAD/CAM

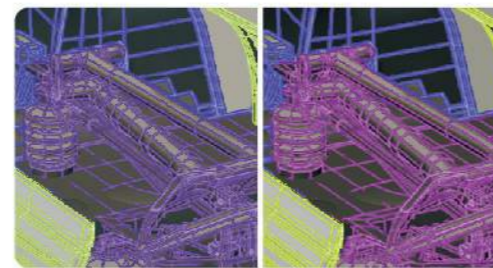
The Visual Clarity for High-Precision Engineering & Design Work

Professional CAD/CAM engineers and designers work with extremely detailed information, making superb display clarity and color accuracy absolutely vital for ensuring design precision. BenQ's BL Series offers a number of display solutions for maximized display performance, including the CAD/CAM Mode to bring out even the smallest details to view for Pro/E, SolidWorks, AutoCad, CATIA or other CAD/CAM software. Recognizing the multi-tasking and collaborative nature of the work, thoughtful features that support a wide range of viewing options are included to ensure high productivity can be preserved while users run a number of tasks simultaneously or compare and discuss design work with colleagues.



CAD/CAM Mode

For clearly distinguished details in complicated object wireframes, switch on the CAD/CAM Mode to alter the monitor's color and contrast settings to view highly detailed graphic information without ever missing a line again.



Standard

CAD/CAM Mode



SolidWorks Certification

Being a Solidworks Solution partner translates to display excellence certified to be of professional standard for CAD/CAM software users.

ANIMATION

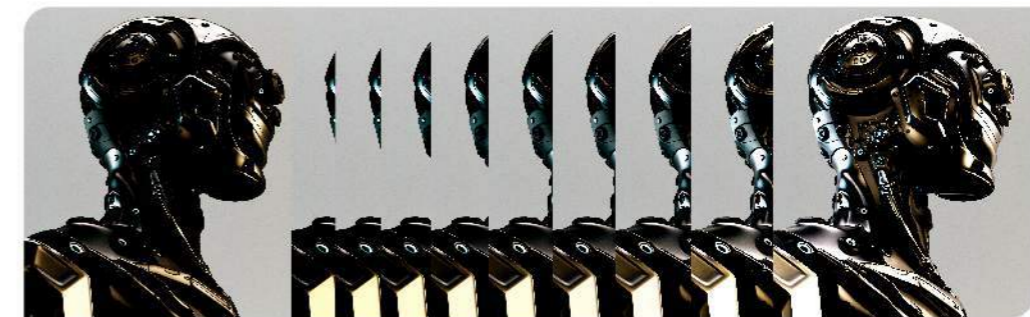
Outstanding Color Precision & Consistency for Highlights and Shadow Details

Professional animators work to breath life into moving art, making even the tiniest detail paramount to delivering lively creations. To answer the visual demands of the most sophisticated animators, BenQ BL Series monitors give you uncompromising accuracy consistency for displaying every shade of colors through a wide range of optimized image calibration settings, including the brightness-enhancing Animation Mode. There is also a multitude of viewing features incorporated into the monitors to simultaneously display all the information needed for making color adjustments. So no detail can escape the eyes of its creator!



Animation Mode

To make distinguishing detailed textures in darkened areas easier, BenQ developed the Animation Mode to enhance the brightness in dark areas of the artwork – without overexposing bright areas. This allows animators to fine-tune their animation creation effortlessly.



Level 0

Level 10

10-Level Animation Mode Adjustment

10 levels of display brightness adjustment reveal details in darkened areas for the most precise design.

VIDEO EDITING

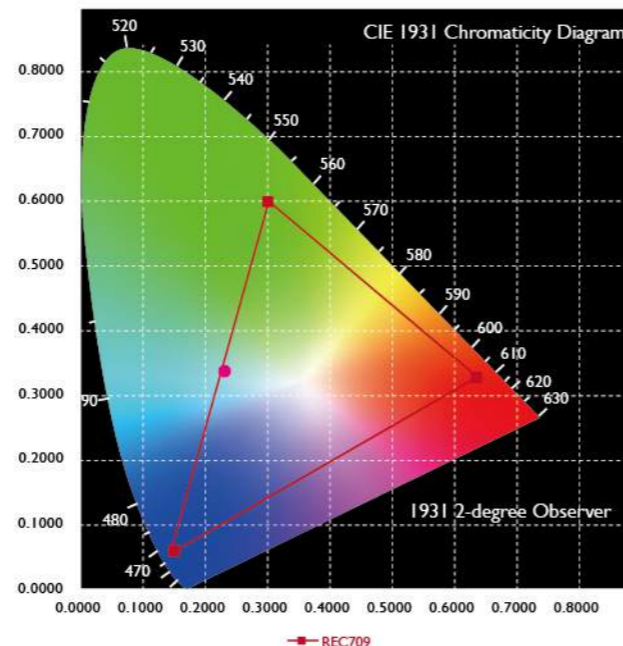
Multitask Efficiently with a Clear View of Editing Tools, Applications and Images at Your Disposal

Color accuracy and a clear line of view are of utmost importance for anyone working in the field of professional video editing. BenQ BL Series offers a wonderful range of 100% sRGB monitor with a resolution of QHD and 4K2K UHD to give you crisp and clear viewing quality accompanied by true, lifelike colors. The large viewing space combined with optimal viewing precision give video editors full access to all the editing tools, applications and images they need to work with. So they can perform every task with maximized efficiency.



REC. 709 Optimal Color Precision

A selection of BL Series monitors are built to cover REC. 709 color space, which is well known as the standard format for HDTVs with 16:9 widescreen aspect ratio. A native REC. 709 color gamut ensures that every color is faithfully represented with optimal precision.



GRAPHIC ARTS

Ultra-Refined Color Reproduction Achieved by Ultra-High-Definition Resolution

A high-quality monitor with high resolution, high color accuracy and fidelity and a wide range of high-speed connectivity options is what makes a perfect companion for professionals in the graphic arts industry, including graphic designers, retouchers and photographers. Featuring the highest resolution at 3840x2160 4K2K with 100% sRGB and BenQ's advanced IPS technology, the BL Series showcases consistent, reliable color results with every detail precisely rendered for a brilliant viewing experience from virtually every perspective. A variety of connectivity and view options also enables users to work with multiple devices and perform complex multi-tasking work with ease.

Ultra-High-Definition Resolution

A 3840x2160 4K2K ultra-high-definition (UHD) resolution offers over 300% working space comparing with 1920x1080 FHD – and the highest PPI for the most detailed on-screen viewing quality.

* BL3201PT/BL2711U/BL2420U only



There is also a higher level of visual clarity when zooming into an image.

Thoughtfully Designed

Do More with Your Large-Sized Display

Dual Aspect ratio

Designed for professional designers accustomed to work with a square monitor, this feature allows them to work with nearly two 19" displays by dividing a 32" BL Series monitor screen into two 4:3 or 5:4 viewing areas – which can be further resized from 19"S to 30"W in size using the Display Mode feature.



Picture-in-Picture (PIP) & Picture-by-Picture (PBP)

For enhanced convenience and productivity, the PIP/PBP feature allows you to compare two pictures as well as display drawings from two PCs simultaneously for a more efficient work discussion.



Desktop Partition

With the aid of BenQ's Display Pilot software can be displayed at once with your desired proportions to enable better multitasking.

*Display Pilot Software and Windows OS required



One-Stop Set-up

Optimal Viewing with Tailored Display Settings

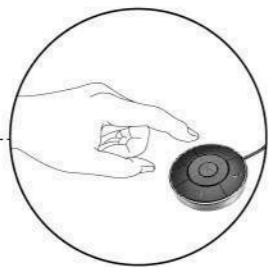
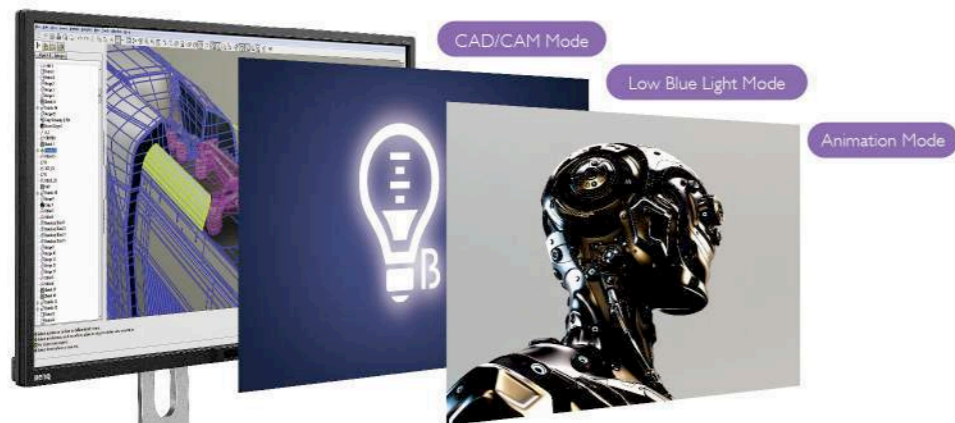
BenQ Display Pilot Software

The Display Pilot software is a total solution package for designers seeking to customize their display. You can assign specific color modes to frequently used software applications on your computer with Application Tuning, and Display Pilot software will automatically apply the preset color mode to the matching software application in use. Other features that can also be accessed through Display Pilot software include Auto Pivot, Desktop Partition, PIP/PBP and other OSD settings such as brightness adjustments.

*Windows OS required

Ergonomics at Work

For Maximized Design Convenience & Comfort



You can use the OSD Controller to switch swiftly between three different modes for a variety of display needs.

OSD Controller

Switch effortlessly between CAD/CAM Mode, Animation Mode and Low Blue Light Mode with a simple click of a button using the OSD Controller. You can also use it for brightness adjustments and to access OSD settings.



Auto-Pivot

Auto Pivot detects the movement of the monitor and dynamically rotates the contents displayed for flexible landscape or vertical viewing without utilizing Windows or graphic card settings.

*Display Pilot Software required

Eye-care Protection

Because Your Eye Health Matters



BenQ Proprietary Flicker-free Technology

The BL Series are newly upgraded with the incorporation of BenQ's proprietary Flicker-free Technology to eliminate backlight flickering at all brightness levels and effectively reduce eye fatigue. Conventional LCD screens flickers 200 times per second. The flickers may not be detectable by your eyes but they can certainly feel the flickering. So it is important to relieve your eyes from the stress caused by a flickering screen – and keep them nice and fresh when you are working on new designs.



* The above image is for illustrative purpose only



Multimedia	-30%
Web Surfing	-50%
Office	-60%
Reading	-70%

Exclusive Low Blue Light Modes

Every monitor produces a strain of blue spectrum light that is harmful to the human eye, with the possibility of leading to eye damage, eyestrain, headaches and sleeping disorders. To reduce blue light exposure and allow a healthier time spent in front of the computer, BenQ introduces four preset Low Blue Light Modes via its exclusive Low Blue Light technology. Accessible from the OSD hot key, the Low Blue Light Modes include:

- **Multimedia Mode** (30% Blue Light Reduction) to maintain the highest image quality and sufficient blue light reduction while displaying photos, videos, animation and other media.
- **Web-surfing Mode** (50% Blue Light Reduction) to optimize the experience of reading webpages containing heavy text for reduced eyestrain.
- **Office Mode** (60% Blue Light Reduction) to ensure better eye health and comfort while boosting productivity for word processing, emailing and other everyday office tasks.
- **Reading Mode** (70% Blue Light Reduction) to simulate the look of real paper for ebooks, long documents, or any other type of reading material that requires the user's full attention for long periods of time.