BenQ DesignVue / PD Series

Designer Monitors

Model Name	PD3220U	PD2720U	PD2700U	PD2710QC	PD2500Q
Panel Type	IPS	IPS	IPS	IPS	IPS
Resolution (max.)	3840x2160	3840x2160	3840x2160	2560x1440	2560x1440
Color Gamut	95% DCI-P3/Display P3, 100% sRGB/Rec.709	96% DCI-P3/Display P3, 99% Adobe RGB, 100% sRGB/ Rec.709	100% sRGB/Rec.709	100% sRGB/Rec.709	100% sRGB/Rec.709
PPI	140	163	163	109	117
Display Screen Coating	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare
Factory Calibration Report	•	•	•	•	•
Display Pilot software	•	•	•	•	•
High Adjustment (mm)	150	150	140	180	130
Input /Output	HDMI(v2.0)x2, DP(v1.4)x1, Thunderbolt 3x1 (PD85W, DP alt mode, data), Thunderbolt 3 x 1 (PD15W, DP alt mode, data)	HDMI(v2.0)x2, DP(v1.4)x1, Thunderbolt 3x1 (PD65W, DP alt mode, data), Thunderbolt 3 x 1 (PD15W, DP alt mode, data)	HDMI(v2.0)x1, DisplayPort(v1.4)x1, MiniDisplayPort(v1.4)x 1	HDMI(v1.4)x1, DisplayPort(v1.2)x1, MiniDisplayPort(v1.2)x1, USB-C(PD60W, DP Alt mode, Data), DisplayPort(v1.2) out x 1, RJ45 x 1	HDMI(1.4)x1, DisplayPort(v1.2)x1, MiniDisplayPort(v1.2)x1, DisplayPort(v1.2) Out x 1
Daisy Chain	Thunderbolt 3 Technology	Thunderbolt 3 Technology	DP out MST	DP out MST	DP out MST
KVM	•	•	•	•	•
PIP/PBP	•	•	•	•	•
HDR 10	•	•	•	•	•
Hotkey Puck	●(G2)	●(G2)			
Signal Cable	HDMI cable(1.8m), mDP to DP cable(1.8m), Thunderbolt 3 cable(0.7m), USB3.0 cable(1.8m)	HDMI cable(1.8m), mDP to DP cable(1.8m), Thunderbolt 3 cable(0.7m), USB3.0 cable(1.8m)	mDP to DP cable(1.8m), HDMI cable(1.8m), USB3.0 cable(1.8m)	mDP to DP cable(1.8m), USB Type C cable(1m)	mDP to DP cable(1.8m), HDMI cable(1.5m), USB3.0 cable(1.5m)
CalMAN Certification	•	•	•	•	•
Pantone Cetification	•	•	•	•	•
Solidworks Certification	•	•	•	•	•

Model Name	PD3200U	PD3200Q	PD2700Q	BL2420PT
Panel Type	VA	IPS	IPS	IPS
Resolution (max.)	3840x2160	2560x1440	2560x1440	2560x1440
Color Gamut	100% sRGB/Rec.709	100% sRGB/Rec.709	100% sRGB/Rec.709	100% sRGB/Rec.709
PPI	138	92	109	123
Display Screen Coating	Anti-Glare	Anti-Glare	Anti-Glare	Anti-Glare
Factory Calibration Report	•	•	•	•
Display Pilot software	•	•	•	•
High Adjustment (mm)	150	150	130	140
Input /Output	HDMI(v2.0)x2, DisplayPort(v1.2)x1, MiniDisplayPort(v1.2)x1	DVI-DLx1, HDMI(v1.4)x1, DisplayPort(v1.2)x1, MiniDisplayPort(v1.2)x1	HDMI(v1.4)x1, DisplayPort(v1.2)x1, MiniDisplayPort(V1.2)x1	D-subx1, DVI-DLx1, HDMI(v1.4)x1, DisplayPort(v1.2)x1
Daisy Chain				
KVM	•	•		
PIP/PBP	•	•		
HDR 10				
Hotkey Puck	•	•		
Signal Cable	mDP to DP cable(1.8m), HDMI cable(1.8m), USB3.0 cable(1.8m)	mDP to DP cable(1.8m), HDMI cable(1.8m), USB3.0 cable(1.8m)	mDP to DP cable(1.8m), HDMI cable(1.5m), USB2.0 cable(1.5m)	D-sub cable(1.5m), DVI-DL cable(1.5m), USB2.0 cable(1.5m), Audio cable(1.5m)
CalMAN Certification	•			
Pantone Cetification	•	•	•	•
Solidworks Certification	•	•	•	•

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Make Inspirations Come Alive

Improved Design Experience Through Super Color Accuracy

DesignVue **PD Series**

To ensure a smooth and efficient design process, designers nowadays need a professional monitor to complement their workflows. BenQ's professional designer monitors possess industry-standard color space like DCI-P3, Display P3, sRGB and Rec. 709, advanced transmission protocols like Thunderbolt ™ 3 and efficient add-on features like HDR10 support and the hotkey puck G2; they are to deliver the top-quality works accurately without compromising the brilliant ideas designers are trying to materialize.

BenQ

Because it matters

Tailored to Bring Inspirations into Reality

Ideas are hard to materialize when you lack the right support, and for designers, the process of turning ideas into realities can be complicated. Since visualization plays a significant role in the design process, a professional monitor is like a mirror that can help reflect the most truthful and authentic shape of your ideas. BenQ comes to the help of professional designers with a new series of monitors that are tailored for such purpose.

Ideas Realized into Creativity for every Designer

Commercial design

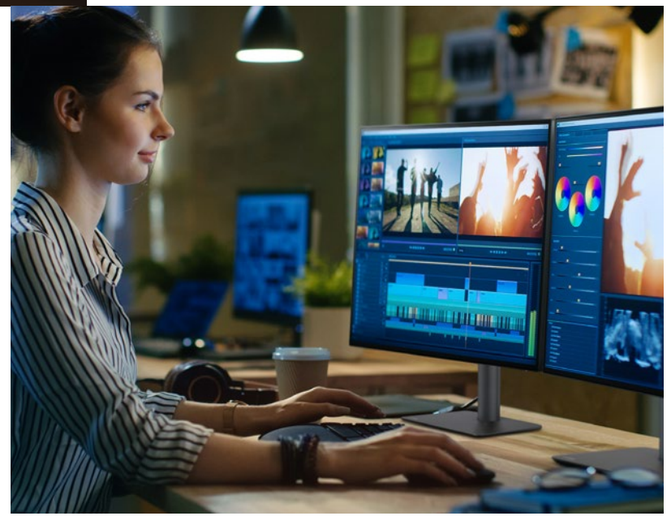
Much more than being visualized, ideas are to be materialized into the colors and shapes that speak up the public aesthetics.

Industrial design

Infused into every line, the ideas, emotions, feelings, and style, the prototype is thus envisioned by the magic hands.

Video editing

By selecting and combining video footages, video editing is to apply the colors and the pictures to weaving them into the entrancing stories.

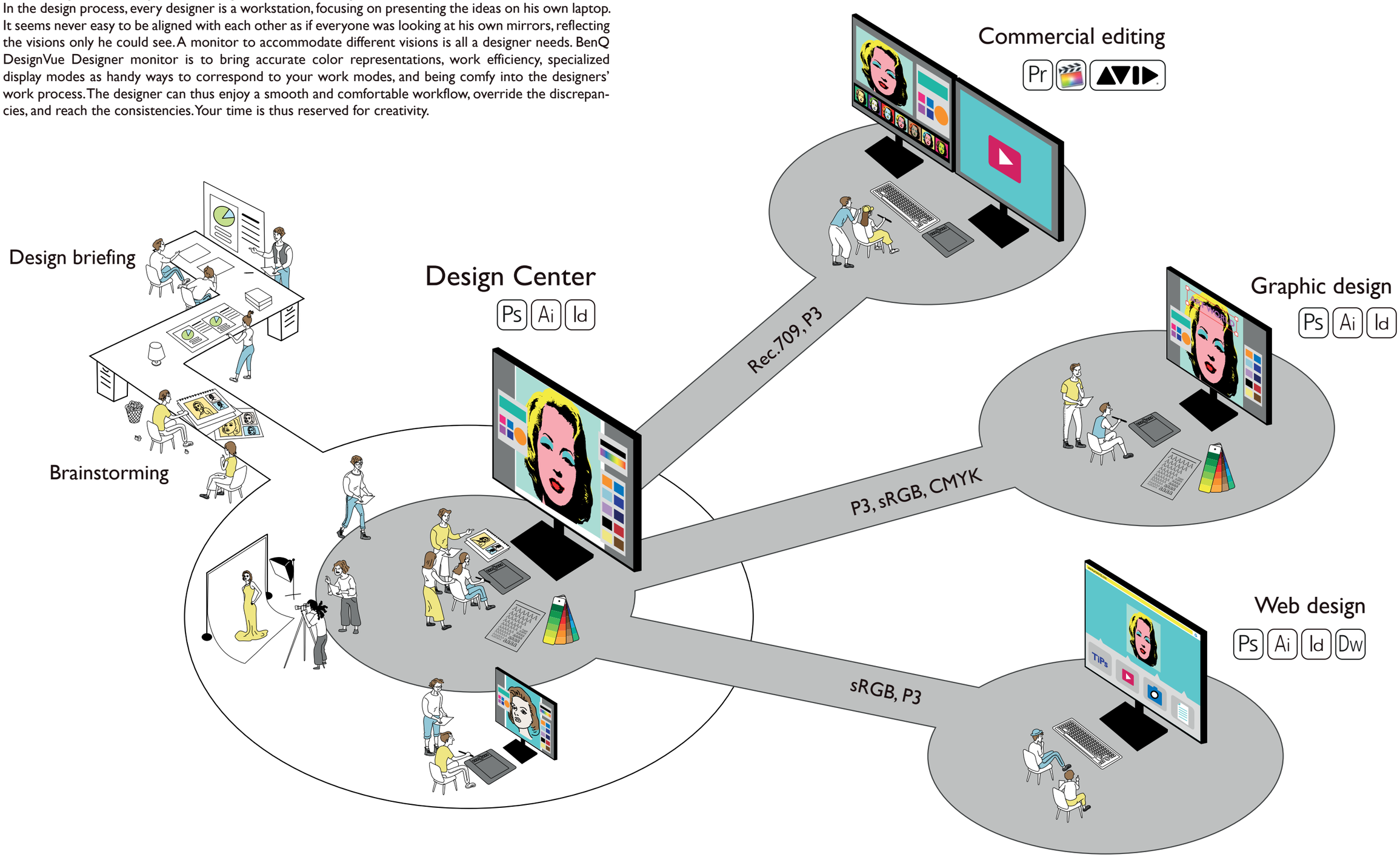


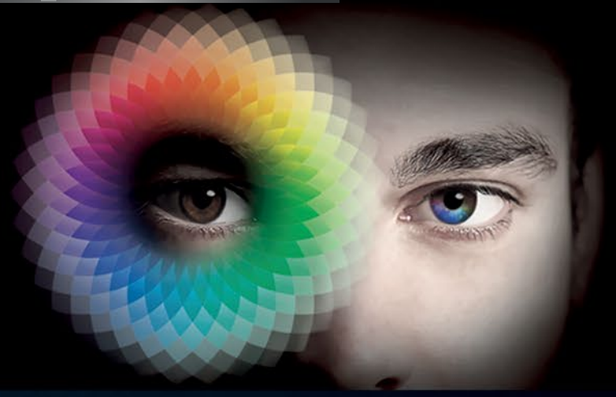
A Designer's Monitor is Born to Fulfill Your Creative Passion

Accuracy, Efficiency, Be Handy and Be Comfy

In the design process, every designer is a workstation, focusing on presenting the ideas on his own laptop. It seems never easy to be aligned with each other as if everyone was looking at his own mirrors, reflecting the visions only he could see. A monitor to accommodate different visions is all a designer needs. BenQ DesignVue Designer monitor is to bring accurate color representations, work efficiency, specialized display modes as handy ways to correspond to your work modes, and being comfy into the designers' work process. The designer can thus enjoy a smooth and comfortable workflow, override the discrepancies, and reach the consistencies. Your time is thus reserved for creativity.

Accuracy	Efficiency	Be Handy	Being Comfy
AQCOLOR TECHNOLOGY ensures accurate color reproductions	User-friendly applications make a simple and efficient creative process possible	Specialized display modes as handy ways to correspond to designers' work modes	Eye-Care Technology offers comfortable viewing environment





AQCOLOR™

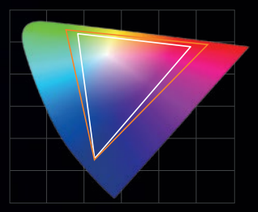
AQCOLOR TECHNOLOGY

Devoted to meet the latest professional color standard, BenQ has developed AQCOLOR technology to uphold the concept: “Accurate Reproduction". BenQ has invited a color expert to lead the team, and also joined ICC (International Color Consortium) and ISO (International Standard Organization) to establish color-related standards and implementation.

Flawless Color Reproduction through the Upgraded Color Gamut

Display P3, P3 and sRGB

BenQ’s DesignVue monitors are equipped with the latest color standards, Display P3 and DCI-P3, to guarantee a consistent color application among all design works. As more apps, devices and websites adopt the color space of Display P3, they also come with a full compatibility with this new color standard, allowing designers to effortlessly load and display images imported from different sources. Additionally, the monitors also cover 95% of DCI-P3, 100% of sRGB and Rec. 709 color spaces, utilizing the advanced IPS wide viewing angle technology to minimize color shift to inspire absolute design confidence.



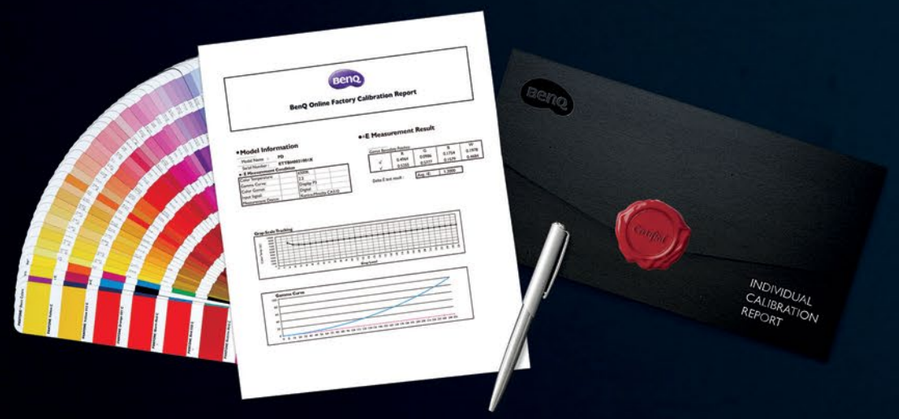
HDR10 Support

BenQ’s DesignVue monitors are equipped with HDR10 technology to let designers preview video content’s HDR effect during the editing process, ensuring desirable outcomes for their final works.

Industry-Leading Color Calibration for Top-Notch Color Accuracy

Out-of-The-Box Color Calibration

BenQ’s DesignVue monitors offer the out-of-the-box color accuracy that guarantees users can enjoy the most trustworthy color performance.



ICCsync

BenQ releases a new feature, ICCsync, to help designers effortlessly complete the steps of matching the ICC profiles between monitors and computers. Controllable through the software Display Pilot or the monitor itself, ICCsync allows designers to customize the color mapping process, and facilitates an instant color mode adjustment that emphasizes productivity.

Accuracy Ensured by Industry-Standard Setting

CalMAN Certification

BenQ’s DesignVue monitors are certified by CalMAN, a verification program which has the display’s setting to an accurate industry-approved standard, ensuring that users are enjoying the industry-standard level performance.

VERIFIED BY CalMAN By SpectraCal

A Simple and Efficient Creative Process Made Possible

The common scene in a design studio is a workstation littered by multiple cords, used papers and all kinds of tools. But it doesn't have to be like this. With a cable and several other thoughtful features, designers can now enjoy a whole new level of efficiency and productivity

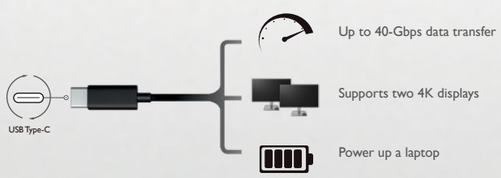
An Upgraded Design Experience with an Added Level of Efficiency

Thunderbolt ™ 3

To increase efficiency at work, *some models of BenQ DesignVue monitors are integrated with Thunderbolt™ 3 connectivity through the 2 USB-C ports, allowing designers to get daisy-chained up to two 4K monitors and enjoy a higher speed for data transmission. By facilitating daisy-chaining through Thunderbolt™ 3, these models let designers extend screens while ensuring the video, audio and data of the content are all properly extended, further enhancing the efficiency at work.

There's also daisy-chaining* enabled display equipped with multi-stream transport technology (MST), allowing you to extend your notebook's screen across several displays using DisplayPort output for a multiple monitor setup.

*Daisy-chaining through Thunderbolt™ 3: PD3220U and PD2720U *Daisy-chaining through MST: PD2710QC, PD2500Q, PD2700U



DualView

Improve your workflow and enhance productivity by switching on DualView to showcase designs in two modes (e.g. sRGB and CAD/CAM) side-by-side without the need for two screens.

Effortless Control for a Productive Design Process

Keyboard Video Mouse (KVM) Switch

The newly upgraded KVM Switch function allows users to control one set of keyboard and mouse between two different computers that use one or two screens, ensuring designers can also enjoy the added level of efficiency that comes with KVM by activating the feature through the embedded software, Display Pilot.

Hotkey Puck G2

enQ DesignVue monitors are empowered by hotkey puck which allows designers to customize shortcuts to their preferred features through the upgraded OSD. Designers can adjust the brightness, contrast or volume of the monitor based on their preferences through the hotkey puck. To return to the previous level of the settings, designers can simply press the return key to instantly go back to the previous level.

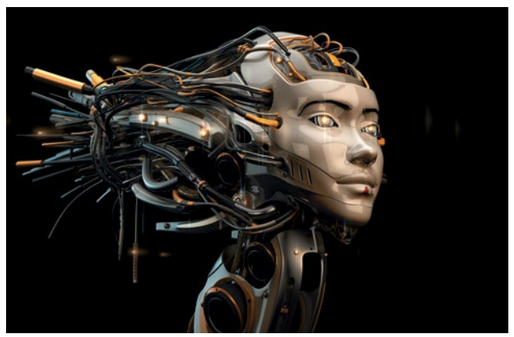
*PD3200U and PD3200Q are equipped with hotkey puck generation 1 while PD3220U and PD2720U are equipped with hotkey puck generation 2.

Specialized Display Modes Tailored to All Designers

In order to fully showcase the dynamic nature of the field, designers require tools that can help bring out the highest potential of their works. BenQ's professional monitors possess the most suitable display modes to assist designers produce works of the highest quality.

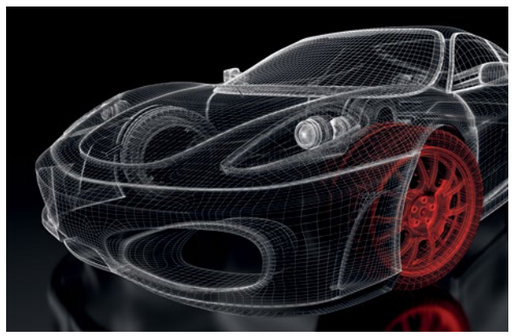
Darkroom Mode

Adjusting image brightness and contrast for superb clarity and sharp details, Darkroom mode creates the optimal setting for work in darkened post-processing environments.



Animation Mode

Often problematic for designers working with intricate details in dark images, Animation mode enhances the brightness of dark areas without overexposing bright regions. Animation mode provides 10 levels of display brightness to bring out every subtlety clearly in any ambient lighting.



CAD/CAM Mode

Offering superior contrast for lines and shapes in technical illustrations, CAD/CAM mode accentuates the finest details to produce incredible display performances in Pro/E, SOLIDWORKS, AutoCAD, CATIA, or other design software.

eye-care™

Caring for Your Eyes

The Advanced Eye-Care Technology

BenQ's exclusive eye-care technologies reduce eye fatigue for user comfort, enhanced productivity, and workplace safety during extended use.

Brightness Intelligence+

Brightness Intelligence Plus Technology

BenQ's exclusive Brightness Intelligence Plus technology (B.I.+ Tech.) detects ambient brightness and color temperature to adjust display settings, with soothing warm white for comfort and cool white for productivity.

Low Blue Light

Low Blue Light Technology

The unique BenQ Low Blue Light Technology is designed to filter out harmful blue light, effectively diminishing eye fatigue and irritation.

Flicker-free

Flicker-free

Flicker-free eliminates flickering at all brightness levels and reduces eye fatigue effectively. Conventional LCD screens flicker at the rate of 250 times per second. Your eyes may not see the flickers but they can certainly feel them. So relieve your eyes from the uncomfortable flickering effect by switching to a BenQ flicker-free monitor.