

Expansive Vision Extended Creativity

unleash your imagination and
creativity the realistic way



DesignVue Designer Monitor PD3420Q

BenQ PD3420Q's expansive screen space facilitates your creativity and offers a new visual experience to designers and video editors. 21:9 aspect ratio offers extra screen real estate to accommodate more editing programs and HDR10 allows video editors to preview the HDR video content for satisfactory editing results. Its DCI-P3 and Display P3 color gamuts deliver brilliant colors. Your entrancing stories will make your inspiration come alive!



Because it matters

Incredible Details

Spark Your

Creative Spirit

BenQ PD3420Q comes with 21:9 ultrawide screen to accommodate 33% extra screen real estate for more workspace and HDR10 support to ensure desirable outcomes for their final output during the editing process, making it possible for video content creators to edit every image with VESA DisplayHDR400-certified better contrast, brightness, and more saturated colors.



AQCOLOR™
Colors You Can Trust

Industry **STANDARD** | Displaying **DETAILS** | Out-of-the-Box **GUARANTEE**



Out-of-the-Box Guarantee for Color Accuracy

The BenQ PD3420Q monitor offers factory calibrated accuracy to guarantee users enjoy the most trustworthy color performance.

CERTIFIED by CalMAN and PANTONE

With certification from CalMAN Verified and Pantone Validated, BenQ's PD3420Q monitor is able to maintain truthful colors, promising industry-approved performance for all creative enterprises.

Industry Color Standards for Accurate Performance

Designers and video editors count on color accuracy. By covering 100% of sRGB/Rec.709 and 98% of DCI-P3/Display P3 and achieving Delta E ≤ 3 in sRGB and Display P3, the BenQ PD3420Q designer monitor meets industry color standards to deliver truer and more accurate colors for designers as well as video content editors to re-create any scene with excellent accuracy.



Displaying Details with Utmost Color Consistency

BenQ color consistency technology ensures that colors on every PD3420Q look virtually identical, no matter which panel or production line was utilized in each specific display throughout your whole workflow from editing to briefing.

Subtler details with Uniformity Technology

BenQ Uniformity Technology offers screen-wide precision from corner to corner with fine-tuned color and brightness on hundreds of sub-regions across the screen to make you see every scene with persistent authenticity and image fidelity.

Intuitive Design to Get Your Projects Done Efficiently

USB-C for All Connections

The high speed USB-C port provides fast video, audio, data, and even power delivery with a single cable. Improve time management thanks to a decluttered workspace.

Hotkey Puck G2 to Your Preferred Settings

The latest generation Hotkey Puck G2 offers quick access to your preferred color modes and features so they're all just a click away.

Split Screen for Multiple Flexible Uses

The screen can be divided into two segments of 16:9 and 5:9 at their native resolutions, displaying two different contents simultaneously. You can also access different templates via Display Pilot software.

One KVM Set to Control Two Systems

KVM Switch function allows users to display and control content from two different PCs on a single screen using just one keyboard and mouse set to save space and boost work efficiency.



| PD3420Q | |
|---------------------------------|---|
| Product Color | Dark Gray |
| Display | |
| Screen Size | 34" |
| Aspect Ratio | 21 : 9 |
| Resolution (max) | 3440 x 1440 |
| Display Area (mm) | 799.80 x 334.80 |
| Pixel Pitch (mm) | 0.2325 |
| Brightness (typ.) | 350cd/m ² (typ.) 400cd/m ² (HDR Mode) |
| Native Contrast (typ.) | 1000:1 |
| Panel Type | IPS |
| Viewing Angle (L/R/U/D)(CR>=10) | 178 / 178 |
| Response time | 5ms(GtG) |
| Display Colors | 1.07 Billion |
| Color Gamut | DCI-P3 98% Display P3 98% sRGB 100% |
| PPI | 109 |
| Color Bit | 10bit |
| Refresh Rate (Hz) | 60 |
| Backlight Technology | LED |

| Audio | |
|----------------|-----|
| Headphone Jack | Yes |

| Monitor | |
|--------------------|--|
| Picture Mode | DCI-P3 Display P3 HDR sRGB Rec. 709 CAD/CAM Animation Low Blue Light Darkroom M-book DICOM User |
| HDR | HDR10 |
| Display Mode | Full, 1:1 |
| Color Temperature | 5000°K 6500°K 9300°K User mode |
| Gamma | 1.8 - 2.6, sRGB |
| K Locker | YES |
| OSD Language | 18 Language |
| PIP/PBP | Yes (PIP/PBP/PBPx4/PBP 5:9) |
| HDCP | 2.2 |
| VESA Wall Mounting | YES |

| Dimension & Weight | |
|---|--|
| Dimensions (H x W x D mm) (w/o Base) | 371.5 x 825.8 x 87.4 |
| Dimensions (H x W x D mm) | H : 595.35 x 825.8 x 244.34 L : 445.35 x 825.8 x 244.34 |
| CTN Dimensions (H x W x D mm) | 654 x 990 x 214 |
| Net Weight (kg)(without stand) | 6.9 |
| Gross Weight (kg) | 13.7 |
| Tilt (down/up) | -5° ~ 20° |
| Swivel (left/right) | 30°/30° |

| Video Signal Data | |
|-----------------------|----------|
| Ver. Frequency (kHz) | 24~76kHz |
| Video Bandwidth (MHz) | 600MHz |

| Professional | |
|----------------------------|-----------|
| Hotkey Puck G2 | Yes |
| Delta E | ≤ 3 (avg) |
| Uniformity Technology | Yes |
| Animation mode | Yes |
| Darkroom mode | Yes |
| DualView | Yes |
| Factory Calibration Report | Yes |
| KVM Switch | Yes |
| CAD/CAM mode | Yes |

| Eye Care | |
|-------------------------|-----|
| Flicker-free Technology | Yes |
| Low Blue Light | Yes |

| Connectivity | |
|--------------|---|
| USB type-C™ | 1 (Power delivery 65W, DP alt mode, Data) |
| HDMI | HDMI (v2.0)x2 |
| DisplayPort | DisplayPort (v1.4)x1 |
| USB 3.1 Hub | 4 (Downstream x4, Upstream x1) |

| Power | |
|---|----------|
| Voltage Rating | 100~240V |
| Power Consumption (standby mode) | 0.5W |
| Power Consumption (base on Energy star) | 50W |
| Power Supply | Built-in |

| Compatibility | |
|---------------------|---|
| Mac Compatible | Yes |
| Windows® Compatible | Windows®10 Windows®8.1 Windows®8 Windows®7 |

| Certification | |
|-------------------|-----|
| CalMAN Verified | Yes |
| Pantone Validated | Yes |

