

# Make Inspirations Come Alive

Improved Design Experience through Superb Color Accuracy



## DesignVue Designer Monitor PD3220U

BenQ's PD3220U prioritizes flexibility and designers' love for sophistication with an elegant look. To offer impeccable color performances while enhancing the overall productivity for them, PD3220U comes with an upgraded color gamut that's compatible with DCI-P3 and Display P3 while offering Thunderbolt™ 3 connectivity for a more efficient image and data transmission experience.

**BenQ**

Because it matters

# Premium Concepts Reflected through the Impeccable Color Performance

Every chromatic detail matters when designers try to breathe life into their masterpieces. Designers rely on professional display monitors to take a laser-sharp look at colors, the most basic element of every product.



## AQCOLOR™

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.

### 4K UHD High Resolution

4K UHD (3840x2160) resolution offers extraordinary clarity for fine details and depth of subtle textures optimized for visually intensive work in animation, visual effects, graphics, and photos.

## Specialized Display Modes Tailored to All Designers

### 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

Animation mode enhances the brightness of dark areas without overexposing bright regions. There are 10 levels of display brightness.

### 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.

\*Each calibration report will vary slightly from reports from other displays of the same model.



## A Simple and Efficient Creative Process Made Possible



### Thunderbolt™ 3

Integrated with Thunderbolt™ 3 connectivity, PD3220U can properly extend the video, audio and data of the content plus power charging further enhancing the efficiency at work.

### Keyboard Video Mouse (KVM) Switch

The newly upgraded KVM Switch function allows designers to control one set of keyboard and mouse between two different computers using one or two screens, further boosting efficiencies at work.

### Hotkey Puck G2

The newly designed hotkey puck G2 allows designers to customize shortcuts to their preferred features through the OSD. It relies on 3 single function keys, a rotation key and the dial to let users designate them to features that they require the most at work.



PD3220U	
Product Color	Black/Grey
Panel	
LCD Size (inch)	31.5"
Aspect Ratio	16:9
Resolution (max.)	3840 x 2160
Display Area(mm)	697.31 x 392.23
Pixel Pitch (mm)	0.18159
Brightness (typ)	300
Native Contrast (typ.)	1000:1
Panel Type	IPS
Viewing Angle (L/R;U/D) (CR>=10)	178/178
Response time	14ms,5ms(GTG)
Display Colors	1.07 Billion
Color Gamut	95% DCI-P3 , Display P3 , 100% sRGB, Rec.709
Backlight	LED
Software	
Display Pilot	Yes
Video Inputs/Outputs	
Hor. Frequency (KHz)	30~135
Ver. Frequency (Hz)	50~76
Video Bandwidth (MHZ)	600
Dimension & Weight	
Dimensions with Wall Mount (H x W x D mm)(w/o Base)	412.2 x 714.8 x 86.63
Dimensions (H x W x D mm)	H: 627.6 x 714.8 x 185.81 L: 477.6 x 714.8 x 185.81
Net Weight (kg)	10.4
Gross Weight (kg)	13.3
Special feature	
Daisy Chain Technology	Yes (Thunderbolt™ 3 technology)
PIP/PBP	Yes
AMA	Yes
HDCP	2.2
Flicker-free Technology	Yes
Color Temperature	5000K/6500K/9300K/user mode
Picture Mode	DCI-P3/Display P3/HDR/sRGB/Adobe RGB/Rec. 709/CAD/CAM/Animation/Low Blue Light/Darkroom/M-book/DICOM/User
KVM Switch	Yes
Low Blue Light	Yes
Hotkey Puck G2	Yes
VESA Wall Mounting	Yes
Auto Pivot	Yes
Tilt (down/up)	-5 ~ 20
Swivel (left/right)	30°/30°
Pivot	90°
USB Hub	Yes (USB3.1 Gen2, 4*downstream, 1*upstream)
K Locker	Yes
OSD Language	18 Language
I/O	
USB type-C™	Thunderbolt 3 x1 (Power Delivery 85W, DP alt mode, data) Thunderbolt 3 x1 (Power Delivery 15W, DP alt mode, data) USB Type-C x1 (Data)
HDMI	HDMI(2.0)x2
DP Input	DP(1.4)x1
Headphone Jack	Yes
Power	
Power Consumption(On mode)	220W
Power Consumption(Power saving mode)	0.5W
Power Consumption(Off mode)	0.5W
Power Consumption	37W
Certification	
Calman	Yes
Mac Compatible	Yes
Windows® 10 Compatible	Yes
Windows® 7 Compatible	Yes
Windows® 8 Compatible	Yes
Windows® 8.1 Compatible	Yes

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