



PV3250U | 32" 4K 3000:1 Monitor for Color Grading & Video Editing

Refine Every Shadow, Deliver with Confidence

BenQ Creative Pro PV3250U is built for commercial post-production. With Dark-Tone Clarity, Corner-to-Corner Uniformity, hardware calibration with 16-bit 3D LUT, it delivers accurate shadow control, long-term color consistency, and reliable Rec.709 output for efficient studio workflows.

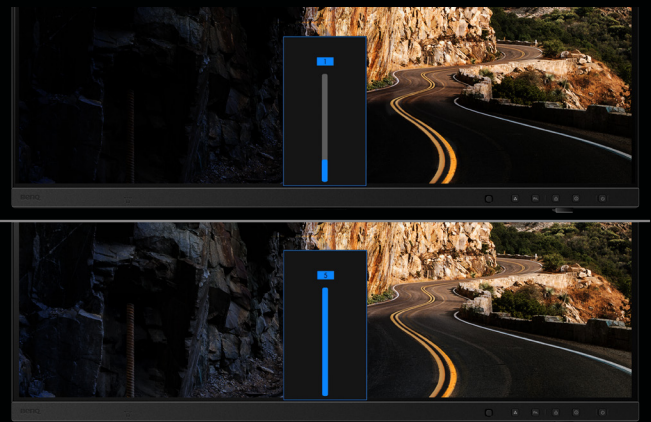
AQCOLOR® Technology

99%
DCI-P3

100%
Rec.709

100%
sRGB

Delta
E ≤ 1



Shadow Check Mode

AQCOLOR Dark Tone Reproduction

Rec.709 Gamma 2.4 demands precise low-grey tracking to preserve subtle shadow detail. BenQ's exclusive AQCOLOR technology, combined with a class-leading 3000:1 native contrast panel, ensures smooth tonal transitions, accurate shadow reproduction, and clear tonal separation for confident post-production decisions.

Tools for Accurate Post-Production

Shadow Check lifts low-luminance regions while preserving highlight brightness and tonal continuity, making hidden details easier to inspect. With **Area Zoom** for close-up checks and **Markers** for verifying content placement across social platforms, creators can quickly spot artifacts and finishing inconsistencies.



Master Your Multi Mac / PC Setups

Maximize post-production efficiency. The built-in KVM switch grants instant control over multi-computer setups, whether switching between your Mac Studio, PC, or MacBook Pro. Command your workstation, including keyboard, mouse, and grading panels, from a single setup to streamline your workflow without clutter.



40 Gbps **8k** **4k** **96W**

All-in-One Thunderbolt 4 Connection

Thunderbolt 4 seamlessly carries video, data, and up to 96W of power through a single cable, supporting ultra-fast 40 Gbps data transfer.

*Thunderbolt 4 is fully compatible with USB-C.

Model Name	PV3250U
Screen Size	31.5"
Aspect Ratio	16:9
Panel Type	IPS
Backlight Technology	LED backlight
Resolution (max.)	3840 x 2160
Viewing Angle (L/R) (CR>=10)	178° / 178°
Brightness (peak)(HDR)	600
Brightness (typ.)	450
HDR	HDR10; HLG; VESA DisplayHDR 600
Color Gamut	100% sRGB; 100% Rec.709; 99% P3
Color Bit	10
Factory Calibration Report	Yes
Delta E(avg)	≤ 1
Native Contrast	3000:1
3D-LUT	16 bits
Hardware Calibration	Yes
Refresh Rate (Hz)	120Hz
Response Times (GtG)	5
Display Colors	1.07 billion colors
Display Area	697.31mm(H) x 392.23mm(V)
Display Screen Coating	Matte
Color Temperature	DCI; 5000K; 6500K
Gamma	1.8-2.6, sRGB, BT.1886
Display Mode	1:1, Aspect Ratio, Full
PPI	163
Pixel Pitch	0.182
HDCP	2.3
Uniformity Technology	Yes
Color Mode	Shadow Check; DCI-P3; Display P3; Rec.709; sRGB; HDR; M-book; B+W; Calibration 1; Calibration 2; Calibration 3; User
Assistant tool	Zoom
Zero Bright Dot	Yes
Calman Ready	Yes
Calman Verified	Yes
Headphone Jack	Yes
Hor. Frequency (KHz)	27kHz~275kHz
Ver. Frequency (Hz)	24Hz~120Hz
Video Bandwidth (MHZ)	1190MHz
Tilt (down/up)	-5° ~20°
Swivel (left/right)	30°/30°
Pivot	90°
Height Adjustment Stand	115mm
VESA Wall Mount	100 x 100
HDMI (v2.1)	x1
DisplayPort (v1.4)	x1
Thunderbolt 4	x1 (PowerDelivery 96W, DisplayPort Alt Mode, Data)
Thunderbolt 4 out	x1 (PowerDelivery 15W)
USB-C upstream	x1 (USB 3.2 Gen 2, 10 Gbps, data only)
USB-C downstream	x1 (USB 3.2 Gen 2, 10 Gbps, power charging 7.5W)
FW update by USB	Yes
Other Accessories	Hotkey Puck (G4); QSG; Warranty Card; Calibration Report; Safety Instruction; Shading Hood (Landscape)
Power Cable	1.8
Signal Cable	DP1.4; Thunderbolt 4 (1m); USB 3.0
Auto Pivot	Yes
Black & White mode	Yes
Gamut Duo	Yes
KVM Switch	Yes
Safety Area Marker	Yes
PIP/PBP	Yes
ICCsyntax	Yes
K Locker	Yes
Display Pilot 2	Yes
Display Quickkit	Yes
AQCOLOR Pilot	Yes
Dimensions (HxWxD) (Landscape) (mm)	476.98~591.89 x 714.4 x 241.98
Dimensions (HxWxD) (Landscape) (inch)	18.8~23.3 x 28.1 x 9.5
Dimensions (HxWxD) (Pivot) (mm)	741.47 x 433.36 x 241.98
Dimensions (HxWxD) (Pivot) (inch)	29.19 x 17.06 x 9.53
Dimensions(HxWxD) (with shading hood) Net	436.41 x 724.9 x 247.62
Dimensions(HxWxD) (with shading hood) (inch)	17.18 x 28.54 x 9.75
Net Weight (kg/lb)	9.8 kg / 21.6 lbs
Net Weight (with shading hood) (kg/lb)	10.63 kg / 23.44 lbs
Voltage Rating	100 ~ 240V
Power Consumption (normal/max/sleep)	20 / 250 / 0.5
Mac Compatible	Yes
Windows® WHQL	Windows®10;Windows®11
OSD Language	Greek; Bulgarian; Ukrainian; Arabic; Chinese (simplified); Chinese (traditional); Czech; Deutsch; English; French; Hungarian; Italian; Japanese; Korean; Netherlands; Polish; Portuguese; Romanian; Russian; Spanish; Swedish