

BenQ PV3250U 31.5 IPS 3840 x 2160 4K HDMI DisplayPort 120 Hz 31.5 Inch

Model: 9H.Y0GLB.QBE

Manufacturer: BENQ

EAN: 4718755096822

Product Code: 1211713

R41,737

Refine Every Shadow, Deliver with Confidence

Built for Commercial Post-Production Workflows

Precise colour grading begins where standard displays lose detail. Even small shifts in dark tones can lead to costly misjudgements. The PV Series removes dark-tone blind spots, ensuring consistent visibility across the entire screen — so every adjustment you make carries through to the final output.

Shadow Accuracy Without Black Crush

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Built to Rec. 709 standards and maintained through hardware calibration, the PV3250U preserves dark-tone fidelity exactly as intended — no black crush, no tonal shift.

Shadow Check Mode

Inspect Shadow Details

Instantly lift shadow regions while preserving highlight brightness, revealing hidden detail without clipping or shifting the overall tonal balance. Perfect for spotting cleanup issues, compositing artefacts, and finishing inconsistencies during review and QC.

Markers

Confidence in Every Frame

Built-in markers offer multiple aspect-ratio overlays: a stable visual reference for producing content across platforms.

Area Zoom

Zoom to Check Details

Zoom into any area to verify focus accuracy and spot fine details.

BenQ Display Pilot 2

Take Control of Your Display Settings

Take full control of your display with BenQ’s free Display Pilot 2 software. Its customisable interface lets you organise functions such as ICCsync, Color Modes, and Desktop Partition — so you can work exactly the way you want to.

iKeyboard Control

Sync with MacBook Control

On macOS, your MacBook and monitor work as one. Press the brightness or volume key once, and both screens adjust in sync.

Magnetic Shading Hood

The one-piece magnetic shading hood snaps into place instantly—no tools or assembly required. It blocks ambient light, glare, and light spill from the environment, including neighboring monitors, letting you accurately review and edit your color-critical work.

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Unleash Creativity with Comfort

Position your monitor for optimal comfort. With the extensive tilt, swivel, and pivot control points, whether you’re working on projects or presenting your ideas to clients, there’s always the right spot and the right angle to do it.

Trusted Colours for Every Deliverable

Professional monitors designed for precision and reliability across all creative workflows

Recommended Software

Boost Your Creative Productivity

3000:1 Native Contrast for Deeper Shadow Separation

With a class-leading 3000:1 contrast ratio — three times that of typical IPS monitors — the PV3250U achieves 0.03-nit black levels under Rec. 709 conditions, exceeding Grade 1 SDR requirements to reveal deeper blacks while preserving texture and tonal separation.

Hardware Calibration with 16-bit 3D LUT Precision

Built on monitor-internal 16-bit 3D LUT calibration, the PV3250U goes beyond conventional 1D LUT adjustments. With calibration data stored directly in the display hardware, colour stays predictable across grading, review, and delivery.

16-bit 3D LUT

By mapping nearly 5,000 RGB reference points across the full colour space, 16-bit 3D LUT calibration corrects hue, saturation, and gamut relationships for more accurate, more consistent colour decisions.

Hardware Calibration

Calibration data is stored directly in the monitor’s IC chip, reducing reliance on OS or GPU-based color adjustments.

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Verified by Industry-Leading Colour Authorities

The PV3250U is certified by Calman and ColourSpace for verified colour accuracy and consistent SDR workflows. To advance dark-tone evaluation, BenQ collaborated exclusively with Calman to establish dedicated dark-level assessment criteria — supporting more reliable creative decisions from production through to final delivery.

aqcolor

Corner-to-Corner Colour Precision, From Panel to Production

BenQ’s exclusive AQCOLOR technology delivers studio-grade colour accuracy and consistency, trusted by professionals worldwide. Out-of-the-box Delta E ≤2 precision — and Delta E ≤1 with hardware calibration — means what you see on screen matches your intended output, every time.

Uniformity You Can Rely On

Uneven colour or brightness — at the centre or the edges of the screen — can skew your visual judgement. BenQ uses full-panel global calibration to keep colour and brightness consistent across the entire display, so you can check your projects accurately and deliver without rework.

AQCOLOR Pilot

Calibration Simplified, with Precision

BenQ-exclusive AQCOLOR Pilot delivers industry-standard precision. Its intuitive interface combines default and customisable settings, helping you achieve optimal colour consistency in just a few simple steps.

*Supports industry-standard calibrators. Learn more on the AQCOLOR Pilot website.

*AQCOLOR Pilot was formerly known as Palette Master Ultimate.

Flexible Setups for Mac® Production Workflows

Connect your Mac® to storage, displays, and production essentials through a single hub — so your team spends less time switching and more time delivering.

*Mac® and MacBook® Pro are trademarks of Apple Inc.

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All-in-One Thunderbolt 4 Connection

One cable, everything connected. Thunderbolt 4 carries 4K video, 40Gbps data, and up to 96W of power through a single port — enough to run a full production setup from your Mac.

*Thunderbolt 4 is fully compatible with USB-C.

Built-in ESS™ DAC

Studio-Grade Audio, Built Right In

Hear your work in high resolution, straight from the display. A built-in ESS™ DAC drives high-impedance headphones up to 300Ω — so you catch subtle transients, hold an accurate balance, and monitor every detail with confidence, no external amp required.

*ESS™ is a trademark owned by ESS Technology, Inc. that may be registered in one or more countries.

Daisy Chain

Expand Your Workspace

Run dual 4K displays from a single connection — more timeline, more scopes, more room to work.

*Apple Silicon M1 and M2 chips do not natively support multiple external monitors, so Daisy Chain is not supported on M1 or M2-based devices. Daisy Chain is available on Apple Silicon Pro, Max, and Ultra-based devices.

Built-in KVM

One Desk. Two Systems. Zero Clutter.

The built-in KVM switch gives you instant control of multi-computer setups — Mac Studio, PC, or MacBook Pro. Command keyboard, mouse, and grading panels from a single station, and keep your desk clear for the work that matters.

*Device compatibility may vary; full support for all third-party hardware is not guaranteed.

Edit Smarter. Deliver Faster

Quick Access Function Keys

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Dedicated function keys put essential controls at your fingertips, designed for professional post-production. Indicator lighting fades automatically after use, keeping distractions off your screen while you review.

Wireless Hotkey Puck

Customise Your Workflow

The Wireless Hotkey Puck (G4) simplifies monitor control with Display Pilot 2 sync, letting you configure shortcut functions directly. Three customisable keys give quick access to Color Mode, Input, KVM, or app launch, while the rotation dial adjusts brightness, contrast, and volume — no menus needed.

Up to 30 custom profiles ensure dedicated pairing and interference-free control in shared studio environments.

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