

BenQ DesignVue PD2706U Monitor Datasheet

27-inch 4K UHD Professional Monitor for Designers & Creators

The **BenQ DesignVue PD2706U** is a 27-inch 4K UHD professional monitor engineered specifically for designers, photographers, and content creators. Part of BenQ's AQCOLOR series, it provides outstanding out-of-the-box color accuracy with multiple specialized creative modes.

Technical Specifications

Specification Category	Details
Display Panel	27" IPS LED backlit LCD, 16:9 Aspect Ratio, Matte/Anti-glare coating
Resolution & Refresh Rate	4K UHD (3840 x 2160) @ 60 Hz (163 PPI pixel density)
Brightness & Contrast	350 nits typical (400 nits HDR Peak), 1200:1 static contrast ratio
Response Time	5ms GtG (Gray-to-Gray)
Color Reproduction	10-bit depth (1.07 billion colors), Delta E ≤ 3 average, Uniformity Technology
Color Gamut Coverage	100% sRGB, 100% Rec.709, 95% DCI-P3 / Display P3
HDR Certification	VESA DisplayHDR 400, HDR10 compliant
Viewing Angles	178° Horizontal / 178° Vertical

Connectivity & Ports

The monitor serves as a high-powered production dock, reducing desk clutter through streamlined multi-device connections:

Video Inputs: 1 x HDMI 2.0, 1 x DisplayPort 1.4, 1 x USB-C (DisplayPort Alt Mode)

USB Hub: 1 x USB-B (Upstream), 1 x USB-C (Downstream), 3 x USB 3.2 (Downstream)

Power Delivery: USB-C provides up to **90W Power Delivery** to fast-charge compatible laptops or MacBooks via a single cable.

Audio: Built-in stereo speakers (2 x 2.5W) and a 3.5mm headphone jack.

Specialized Features

Integrated KVM Switch: Allows users to control two different PC/Mac systems using just one set of a keyboard, mouse, and monitor.

Hotkey Puck G2: An external control wheel designed for rapid workflow adjustments, letting you instantly map and switch color modes, brightness, or volume.

ICCsyntax: Automatically aligns and matches ICC profiles when switching color modes or connecting a Mac.

Professional Modes: Features tailored workflows including CAD/CAM Mode (high-contrast lines), Animation Mode (boosts dark area clarity), Darkroom Mode, M-Book Mode (syncs Mac display colors), and ePaper Mode.

Industry Verifications: Fully Calman Verified, Pantone Validated, and Pantone SkinTone Validated for professional-grade color matching.

Ergonomics & Dimensions

Adjustability: Height adjustment (110 mm), Tilt (-5° to 20°), Swivel ($\pm 15^\circ$), and **90° Auto Pivot** for vertical layouts.

VESA Wall Mount: Standard 100 x 100 mm interface.

Physical Dimensions: 450.9–560.9 mm (Height with Stand) x 613.8 mm (Width) x 238.3 mm (Depth).