BenQ DesignVue PD2706QN Datasheet

27-inch 2K QHD professional monitor custom-engineered for creative minds, content creators, and graphic designers. Featuring a Nano Matte panel, factory calibration accuracy (Delta E ≤ 2), a 100 Hz refresh rate, and 90W USB-C power delivery.

Display & Color Performance Specs

Screen Size	27 inches
Panel Technology	IPS (In-Plane Switching)
Native Resolution	2560 x 1440 pixels (2K QHD)
Refresh Rate	100 Hz
Response Time	5 ms GtG
Brightness	350 nits (typical) | 400 nits (HDR peak)
Contrast Ratio	1000:1 (static)
Color Depth	8-bit (16.7 million colors)
Pixel Density	109 PPI
Screen Coating	Anti-glare Nano Matte Panel (effectively diffuses reflections)
HDR Format Support	HDR10
Color Gamut Coverages	95% DCI-P3 / Display P3, 100% sRGB, and 100% Rec.709
Color Certifications	Calman Verified, Pantone Validated, and Pantone SkinTone Validated

Workspace Connectivity & Integration

USB-C Upstream	1x Type-C port (Supports DisplayPort Alt Mode, data transfers, and up to 90W Power Delivery)
USB-C Daisy-Chain Out	1x Type-C port utilizing DisplayPort Multi-Stream Transport (MST)
Video Inputs	1x HDMI 2.0 port | 1x DisplayPort 1.4
USB Hub (Downstream)	1x USB-C (7.5W power output) | 3x USB 3.2 Gen 1 Type-A ports
Audio Interfacing	2x 3W integrated stereo speakers | 1x 3.5 mm headphone output jack

Mechanical Ergonomics & Measurements

Height Travel	Up to 115 mm
Tilt Capabilities	-5° to 20°
Swivel Limits	15° left / 15° right
Pivot Orientation	90° clockwise/counter-clockwise orientation (supported by hardware Auto-Pivot tracking)
Wall Mounting Blueprint	VESA Standard 100 x 100 mm configuration
Dimensions (with stand)	61.4 x 43.0 x 22.02 cm
Weight Profile	6.42 kg (Chassis only) | 9.32 kg (Net weight with stand assembly)

Creative Workflow Technologies

KVM Switch	Built-in hardware switch to operate two computer hosts using a unified mouse and keyboard setup.
ICCsync Profile Matching	Automatically maps and links ICC screen configurations across separate workstations to ensure color consistency.
M-Book Profiling Mode	Custom-calibrated mode engineered to closely match color arrays and luminosity curves coming directly from Apple MacBook displays.
Design Environments	Pre-built configurations including CAD/CAM mode, Animation mode, Darkroom mode, and DualView side-by-side color comparisons.
Compatible Software	Full support for utility downloads including AQCOLOR Pilot, Palette Master Ultimate, and Display Pilot 2.