LG 27QN600-B Monitor Datasheet

Technical Specifications & Product Details Overview

Display & Visual Performance

Screen Size	27 Inches (68.58 cm)
Panel Type	IPS (In-Plane Switching)
Native Resolution	QHD 2560 x 1440 pixels
Aspect Ratio	16:9
Refresh Rate	75 Hz Max
Response Time	5ms GtG (Gray-to-Gray at Faster)
Brightness	350 cd/m² (Typical) / 280 cd/m² (Minimum)
Contrast Ratio	1000:1 (Typical) / 700:1 (Minimum)
Color Gamut	sRGB 99% coverage (CIE1931)
Color Depth	8-bit, 16.7 Million colors
High Dynamic Range	HDR10 Compatible
Viewing Angles	178° Horizontal / 178° Vertical
Surface Treatment	Anti-Glare 3H hard coating

Core Technologies & Features

Variable Refresh Rate	AMD FreeSync™ Technology
Eye Comfort Features	Flicker Safe, Reader Mode (Blue Light Reduction)
Gaming Enhancements	Dynamic Action Sync (DAS), Black Stabilizer
Color Management	Factory Color Calibrated out-of-the-box
Software Integration	LG OnScreen Control (OSC), Dual Controller
Visual Optimization	Super Resolution+

Connectivity & Interfaces

HDMI Input	2 x HDMI v1.4 ports (HDCP 2.2 compliant)
DisplayPort Input	1 x DisplayPort v1.2 port (HDCP 2.2 compliant)
Audio Output	1 x 3.5mm Headphone Jack out
Built-in Speakers	None (Requires external audio system)

Ergonomics & Mechanics

Stand Adjustments	Tilt only (-5° to +20°)
Height / Pivot / Swivel	Not supported
Bezel Configuration	3-Side Virtually Borderless frame design
Wall Mounting Standard	VESA 100 x 100 mm interface
Base Design	Edge-ArcLine curved detachable stand

Power & Environmental Metrics

Power Supply Type	External Power Adapter (AC 100-240V, 50/60Hz)
Power Consumption (Typical)	38 Watts
Power Consumption (Maximum)	40 Watts
Power Consumption (Sleep Mode)	0.5 Watts
Power Consumption (DC Off)	Less than 0.3 Watts

Physical Dimensions & Weight

Dimensions with Stand (W x H x D)	613.5 mm x 484.2 mm x 208.8 mm
Dimensions without Stand (W x H x D)	613.5 mm x 363.5 mm x 45.4 mm
Weight with Stand Assembly	5.72 kg
Weight without Stand Panel Only	4.75 kg