BenQ GW2790Q Monitor Datasheet

27" QHD 100Hz IPS Home & Office Monitor with Eye-Care Technology

Key Specifications

Screen Size	27 inches (68.58 cm)
Panel Type	IPS (LED Backlit)
Resolution	2K QHD (2560 x 1440 pixels)
Aspect Ratio	16:9
Pixel Density	109 PPI
Refresh Rate	100Hz
Response Time	5 ms (GtG) / 1 ms (MPRT)
Brightness	350 nits (cd/m²)
Native Contrast	1500:1
Color Gamut	99% sRGB (16.7 million colors)
Viewing Angles	178° Horizontal / 178° Vertical
Surface Coating	Anti-glare, Matte

Audio & Connectivity

Built-in Speakers	2W x 2 stereo speakers
Audio Jack	1 x 3.5 mm Headphone Jack
Video Inputs	2 x HDMI 2.0, 1 x DisplayPort 1.2

Ergonomics & Mechanical Dimensions

Tilt Adjustments	-5° to +20°
Swivel / Pivot / Height	Not supported
VESA Wall Mount	100 x 100 mm
Dimensions (with base)	448.5 x 614.0 x 181.9 mm (H x W x D)
Weight	4.7 kg (With Stand) / 4.3 kg (Without Stand)

Power Management

Power Supply	Built-in (AC 100-240V)
Normal Consumption	20 W
Max Consumption	42 W
Standby / Sleep Mode	< 0.5 W

Advanced Features & Certifications

Brightness Intelligence	Gen 2 (B.I. Gen2) - Auto brightness & color adaptation
Eye-Care Tech	TÜV Flicker-Free, Low Blue Light, and Eyesafe 2.0 certified
Color Modes	Coding Mode, ePaper Mode, Care Mode, M-Book Mode
Sync Technology	AMD FreeSync, VESA Certified MediaSync