BenQ GW2790T Technical Datasheet

27" Full HD Ergonomic Eye-Care Monitor

Display & Performance

Screen Size	27-inch
Panel Type	IPS LED (Matte screen)
Resolution	Full HD (1920 x 1080)
Refresh Rate	100Hz
Response Time	5ms (GtG)
Brightness	250 nits
Contrast Ratio	1300:1
Color Gamut	99% sRGB (16.7 million colors)
Aspect Ratio	16:9
Viewing Angles	178° / 178° (Horizontal / Vertical)
Pixel Density	82 PPI

Connectivity & Audio

Video Inputs	2x HDMI 1.4, 1x DisplayPort 1.2 *Note: No USB-C port is present on this variant.*
Speakers	Built-in 2W x2 stereo speakers
Audio Output	Headphone Jack (3.5mm)

Ergonomics & Physical Dimensions

Height Adjustment	Up to 110 mm
Tilt (Down/Up)	-5° to +20°
Swivel (Left/Right)	20° / 20° (40° total range)
Pivot	90° (Vertical / Portrait rotation)
VESA Wall Mount	100 x 100 mm
Net Weight	7.14 kg

Power Metrics

Voltage Supply	100–240V (Built-in power supply)
Normal Consumption	25W
Max Consumption	35W
Sleep Mode	<0.5W

Special Features & Certifications

Eye-Care Technology	Brightness Intelligence Gen2 (Auto-brightness), Flicker-free, Low Blue Light Plus, Eye-careU, TÜV Eye Comfort, Eyesafe 2.0
Color Modes	Coding Mode, ePaper Mode, M-book, Game, Cinema, Care mode, Standard
Adaptive Sync	VESA MediaSync Certified