BenQ GW2486TC Monitor Datasheet

23.8" Full HD Eye-Care IPS Monitor optimized for programming, productivity, and learning.

Display & Visual Performance

Screen Size	23.8 inches (60.5 cm)
Panel Type	IPS (In-Plane Switching) with anti-glare matte coating
Native Resolution	1920 x 1080 (Full HD)
Refresh Rate	100Hz
Aspect Ratio	16:9
Brightness	250 nits (typical)
Native Contrast Ratio	1300:1
Response Time	5ms (GtG)
Color Gamut	99% sRGB
Display Colors	16.7 million colors (8-bit)
Viewing Angles	178° horizontal / 178° vertical
Pixel Density	93 PPI

Connectivity & Ports

USB Type-C	1 x Supports 65W Power Delivery, DisplayPort Alt Mode, and Data
HDMI	1 x HDMI 1.4
DisplayPort Input	1 x DisplayPort 1.2
DisplayPort Output	1 x Supports Daisy Chain Technology via Multi-Stream Transport (MST)
USB Downstream Hub	2 x USB 3.2 Gen 1 Type-A (providing up to 4.5W charging per port)
Audio Jack	1 x 3.5mm Headphone Jack

Audio, Ergonomics & Physical Specs

Speakers	Built-in stereo speakers (2W x 2)
Microphone	Integrated Noise-Cancelling Microphone (active via USB-C audio input)
Height Adjustment	Up to 130 mm
Tilt / Swivel	Tilt: -5° to 20° / Swivel: ±45°
Pivot	90° for vertical orientation
VESA Wall Mount	100 x 100 mm
Weight	6.2 kg (with stand) / 3.8 kg (without stand)
Dimensions	14.6 to 19.7 (H) x 21.3 (W) x 7.3 (D) inches (with stand)

Special Features & Certifications

Specialized Modes	Coding Mode, ePaper Mode, Reading Mode, Care-Mode, Color Weakness Mode
Eye-Care Suite	Brightness Intelligence Gen2 (B.I. Gen2) auto-brightness, Flicker-free, Low Blue Light Plus
Certifications	TÜV Rheinland (Flicker-Free, Low Blue Light, EyeSafe 2.0), Energy Star 8.0, TCO Certified 9.0, EPEAT Bronze
Software Support	Compatible with BenQ Eye-CareU and Display QuicKit (firmware updates over USB)