BenQ EW3290U Technical Datasheet

The BenQ EW3290U is a 31.5-inch 4K UHD entertainment monitor designed for multimedia consumption, remote work, and casual gaming. It features an IPS panel, integrated 2.1-channel treVolo speakers, a dedicated remote control, and USB-C connectivity with 65W Power Delivery.

Display & Visual Specifications

Screen Size	31.5 inches (81.28 cm)
Panel Type	IPS (In-Plane Switching)
Resolution	3840 x 2160 pixels (4K UHD)
Refresh Rate	60 Hz
Response Time	5 ms GtG (Gray-to-Gray)
Aspect Ratio	16:9
Brightness	350 nits (typical) | 400 nits (HDR peak)
Contrast Ratio	1000:1
Color Support	1.07 billion colors (10-bit)
Color Gamut	98% DCI-P3
HDR Support	HDR10, VESA DisplayHDR 400
Screen Coating	Matte, Anti-glare
Viewing Angles	178° horizontal / 178° vertical

Audio & Media Features

Speaker Setup	Built-in 2.1 channel sound system by treVolo
Audio Power	2x 2W satellite speakers + 1x 5W subwoofer
Sound Modes	6 tuned scenario modes (Cinema, Game, Music, Standard, etc.)
Control	Includes an infrared wireless remote control for OSD settings and media playback

Connectivity & Ports

USB-C	1x Upstream port (Supports DisplayPort Alt Mode, data transfer, and 65W Power Delivery)
HDMI	3x HDMI 2.0 ports
USB Hub	3x USB 3.1 / 3.2 Gen 1 Type-A downstream ports
Audio	1x 3.5mm headphone output jack

Ergonomics & Physical Dimensions

Height Adjustment	Up to 110 mm
Tilt / Swivel / Pivot	Tilt: -5° to 20° | Swivel: ±20° | Pivot: 90° clockwise
Wall Mounting	VESA 100 x 100 mm
Dimensions (with stand)	714.5 x 483.3 x 211.2 mm
Weight	6.0 kg (without stand) | 8.1 kg (with stand)
Chassis Color	White

Proprietary Technologies

AI Contrast	Automatically optimizes contrast metrics in real-time depending on on-screen environments.
Scenario Hotkey	Provides immediate physical toggle access between custom Standard, Game, and Video configurations.
Eye-Care Suite	Includes Flicker-free operation, Low Blue Light Plus, and Brightness Intelligence Plus Gen 2 (B.I.+ Gen2).