BenQ EW270Q Monitor Datasheet

Official Technical Specifications & Features Overview

Display & Visual Specifications

• **Screen Size:** 27 inches

• **Panel Type:** IPS (In-Plane Switching) with Matte anti-glare coating

• **Native Resolution:** 2K QHD (2560 x 1440)

• **Refresh Rate:** 200 Hz

• **Response Time:** 1 ms GtG (Gray-to-Gray)

• **Brightness:** 350 nits (Typical and Peak HDR)

• **Contrast Ratio:** 1200:1 (Native static contrast)

• **Color Depth:** 10-bit (8-bit + FRC), 1.07 billion colors

• **Color Gamut:** 90% DCI-P3

• **Viewing Angles:** 178° horizontal / 178° vertical

• **Sync Technology:** AMD FreeSync Premium

Audio & Entertainment Features

• **Built-in Speakers:** 5W x 2 stereo speaker system powered by treVolo

• **Audio Port:** 3.5mm Headphone Jack

• **HDR Features:** HDR10 support with BenQ's proprietary HDRi Technology (Cinema HDRi and Game HDRi profiles)

• **Audio Equalizer Modes:** 6 distinct modes optimized for cinema, gaming, dialog, etc.

Connectivity Hub

• **USB-C:** 1x Port supporting 65W Power Delivery, DisplayPort Alt Mode, and Data

• **DisplayPort:** 1x DisplayPort 1.4

• **HDMI:** 1x HDMI 2.0 port

Design & Ergonomics

• **Tilt Adjustment:** -5° to +20°

• **Swivel Adjustment:** 20° Left / 20° Right

• **Height & Pivot:** Height adjustability up to 110mm and 90° pivot rotations

• **VESA Wall Mount:** 100 x 100 mm interface

• **Dimensions (with base):** 436.1 x 613.5 x 211.2 mm

• **Net Weight:** 4.64 kg (with stand) / 4.01 kg (without base)

Power & Eye-Care Certification

• **Power Supply:** Built-in adapter (AC 100-240V)

• **Power Consumption:** 26W (Normal) / 150W (Max with 65W USB-C fully loaded)

• **Eye-Care Suite:** TÜV Rheinland certified Flicker-free, Low Blue Light Plus, EyeSafe 2.0, Color Weakness mode, and Visual Optimizer ambient light sensor.