Features of Lenovo G24qe-20 Monitor

Built for winning.

Gear up to visualize glory!

Whether you’re gaming, streaming video, or studying - the Lenovo G24qe-20 Monitor gives an incredible performance to win at everything that you do. The sharp 23.8-inch 2560 x 1440 QHD resolution In-Plane Switching panel display delivers stunningly vivid visuals, making every little detail dramatically clear. It features a stunning In-Plane Switching (IPS) display Panel for spellbinding graphics performance. You can see true color from every angle without color distortion. You will particularly enjoy the 114% sRGB color space, and 90% DCI-P3 high color display that provides incredible true-color performance. The Natural Low Blue Light technology automatically reduces the blue light emitted from the panel without affecting the color performance - so that neither your eye health nor your viewing experience is compromised. The high 100 Hz (overclock to 110 Hz) refresh rate reduces stuttering and latency, while the 1ms MPRT1 and 4ms extreme response time eliminate streaking and ghosting to provide an incredibly smooth gaming experience. The AMD FreeSync™2 VRR technology takes advantage of the hardware to boost the gaming experience even further by eliminating any chances of stutters and giving you a clear edge. With a crisp display and a rapid performance - the Lenovo G24qe-20 monitor gives you a spectacular ‘clear’ advantage in everything you do.

In-Plane Switching

AMD FreeSync™ Technology

OFF

AMD FreeSync™ Technology

ON

See the advantage

The Lenovo G24qe-20 monitor equips a strikingly 23.8-inch 2560 x 1440 QHD resolution that makes the littlest details noticeably stand out - you can’t help but admire everything you see. The In-Plane Switching (IPS) display technology is equipped with 114% sRGB color space, and 350 nits brightness to provide an excellent color performance that makes everything you view incredibly vivid and your viewing experience an absolute delight. The monitor’s Natural Low Blue Light technology never lets eye fatigue come in the way of what you want to get done. This technology reduces the high-frequency blue light without color distortion to protect your eyes so that you can comfortably enjoy long hours of gaming, studying, or binge-watching.

Uncompromised gaming performance

The Lenovo G24qe-20 monitor performs at a high 100 Hz (overclock to 110 Hz) refresh rate, reducing stuttering and latency to deliver a fluid gaming experience and stunning visuals without motion blur. The time to strike is essential when you’re on the battlefield. That is why the 1ms MPRT1 and 4ms extreme response time never lets you miss the chance to strike at the right time and take the win. The AMD FreeSync™2 VRR technology gives gamers the ultimate competitive advantage by eliminating screen tearing, enhancing the gameplay experience furthermore by cleverly aligning the refresh rate of the display with the frame rate output of the GPU.

Gaming redefined!

The Lenovo G24qe-20 is also packed with a load of features on the software front with its Lenovo Artery software3 that gives gamers a superior display performance while gaming. The Artery software3 allows gamers to select from a range of preset Game Mode Settings or customize and save their preferred configurations. What’s more, its Gaming Tools feature provides gamers with special tools including Show Frame Rate, Show Timer, Show Aim Point, and Shortcut Key setting to help them come out victorious every round. Enhance your gaming experience by adding external audio/video components with a range of ports such as HDMI 2.0, DP 1.2, and 3.5 mm Audio Out.

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1 Moving Picture Response Time (MPRT) improves the response time and reduces motion blur in the monitor. Enabling MPRT will disable AMD FreeSync™, and you may notice a negligible flicker. | 2 AMD FreeSync™ only can work with AMD Radeon™ series graphics card | 3 This software can only be used with Windows 10.
Lenovo G24qe-20 Monitor

**DISPLAY**
- **Panel Size**: 23.8-inch
- **Screen Dimensions (W x H, mm)**: 535.0 mm x 313.0 mm
- **Panel Type**: In-Plane Switching
- **Active Plane**: 526.8 mm x 296.4 mm
- **Backlight**: WLED
- **Aspect Ratio**: 16:9
- **Resolution**: 2560 x 1440
- **Pixel Pitch**: 0.2058 mm x 0.2058 mm
- **Viewing Angle (H x V @ CR 10:1)**: 178° / 178°
- **Response Time**: 1ms (MPRT¹), 4ms (Level 4), 5ms (Level 3), 6ms (Level 2), 7ms (Level 1)
- **Refresh Rate**: 100 Hz (Overclock to 110 Hz)
- **Brightness**: 300 cd/m²
- **Contrast Ratio (Typical)**: 1000:1
- **Color Gamut**: 99% sRGB, 90% DCI-P3
- **Color Space**: 114% sRGB
- **Color Support (Typical)**: 16.7 Million
- **Color Depth**: 8-bit
- **Processor LUT**: 12-bit
- **Anti-Glare**: Yes

**CONNECTIVITY**
- **Video Signal**: 1 x HDMI 2.0, 1 x DP 1.2
- **Audio Signal**: 1 x Audio Out (3.5 mm)

**SPECIAL FEATURES**
- **Software**: Lenovo Artery² (Lenovo Display Control Center)
  - Game Mode
  - Timer
  - Show Frame Rate
  - Desktop Partition
  - Task Scheduler & Reminder
  - Multi-screen Settings Sync
  - Sound Device
- **Sync Technology**: AMD FreeSync³
- **Natural Low Blue Light**: Yes

**MECHANICAL**
- **Tilt Angle (Front / Back)**: -5° / 22°
- **VESA Mount Capability**: Yes (100 x 100 mm)
- **Kensington Lock Slot**: Yes
- **Cable Management**: Yes
- **Bezel Color**: Raven Black
- **Bezel Width (Side)**: 2.0 mm
- **Bezel Width (Top / Bottom)**: 2.0 / 21.4 mm

**DIMENSIONS**
- **Size Packed (D x H x W, mm/inch)**: 405.0 x 124.0 x 635.0 mm / 15.94 x 4.88 x 25.00 inches
- **Size Unpacked w/ Stand (D x H x W, mm/inch) (Lowest Position)**: 184.7 x 408.6 x 539.8 mm / 7.27 x 16.09 x 21.25 inches
- **Size Unpacked w/ Stand (D x H x W, mm/inch) (Highest Position)**: 184.7 x 408.6 x 539.8 mm / 7.27 x 16.09 x 21.25 inches
- **Size Unpacked w/o Stand (D x H x W, mm/inch) (Head Only)**: 44.0 x 325.7 x 539.8 mm / 1.73 x 12.82 x 21.25 inches
- **Weight Unpacked (kg/lb)**: 6.0 kg / 13.3 lbs.
- **Weight Unpacked (kg/lb)**: 4.0 kg / 8.8 lbs.
- **Weight (Monitor Head Only) (kg/lb)**: 3.3 kg / 7.2 lbs.

**WHAT’S IN THE BOX**
- **Monitor with Stand**: Yes
- **Power Cable (Cable Length)**: 1 x Power Cable (1.8m)
- **HDMI Cable (Cable Length)**: 1 x HDMI Cable (1.8m)
- **Quick Setup Guide**: Yes
- **Warranty Booklet**: Yes

**CERTIFICATION**
- **CCC**: Yes
- **RoHS (EU 2002/95/EC)**: Yes
- **Windows Certification**: Windows 10, Windows 11
- **China Energy Efficiency Standard**: Tier 2
- **TÜV Rheinland Eye Comfort**: Yes
- **TÜV Low Blue Light (Hardware Solution)**: Yes
- **Eyesafe Display Certification**: Yes

**POWER**
- **Power Consumption (Typ. / Max.)**: 25W / 33W
- **Power Consumption Sleep/Off Mode**: 0.5W
- **Power Consumption Switch-off Mode**: 0.3W
- **Power Supply**: Internal
- **Voltage Required**: AC 100 to 240 V (50-60 Hz)

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² This software can only be used with Windows 10.

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Specifications may vary depending upon region.