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 MPRT[1] 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.

FEATURES OF LENOVO G24qe-20 MONITOR

AMD FreeSync™ Technology[2] OFF | AMD FreeSync™ Technology[2] 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 MPRT[1] 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 software[3] that gives gamers a superior display performance while gaming. The Artery software[3] 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.

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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 Area
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

Dot/Pixel Per Inch (DPI/PPI)
123

Viewing Angle (H x V @ CR 10:1)
178° / 178°

Response Time
1ms (MPRT[1]), 4ms (Level 4),
5ms (Level 3), 6ms (Level 2),
7ms (Level 1)

Refresh Rate
100 Hz (Overclock to 110 Hz)

Brightness
300 cd/m^2

Contrast Ratio (Typical)
1000:1

Dynamic Contrast Ratio (Typical)
3M: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 Artery[2] (Lenovo Display Control Center)
- Game Mode
- Aim Point
- Timer
- Show Frame Rate
- Desktop Partition
- Task Scheduler & Reminder
- Multi-screen Settings Sync
- Sound Device

Sync Technology
AMD FreeSync™[3]

Natural Low Blue Light
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)

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 (Head Only)
(D x H x W, mm/inch)
44.0 x 325.7 x 539.8 mm
1.73 x 12.82 x 21.25 inches

Weight Packed (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

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Specifications may vary depending upon region.