AOC

Effortlessly efficient.

B20 Monitor

24B20JH3

- ▶ Full HD Display
- ▶ IPS Wide Viewing
- ▶ Incredible 120Hz Refresh Rate and 1ms MPRT Response Time

ADAPTIVE SYNC | IPS WIDE VIEW | 120Hz | 1ms | FHD FULL HD | 3 SIDED FRAMELESS | LOW BLUE MODE | FLICKER FREE | GAME MODE | AOC MENU | SHADOW CONTROL | GAME COLOR | DIAL POINT | HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

www.aoc.com

vision at Heart

➤ Features

Effortlessly smooth action with Adaptive-Sync technology
Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

The e-sports professional standard for gaming
With a 120Hz refresh rate and 1ms response time, your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.

IPS panel for wide-viewing angles
IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colors. Colors look consistent no matter from which angle you look at the display.

Full HD (FHD) 1920 x 1080 resolution
Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

Optimize your game settings
Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, Gamer3 and Off.

Easily adjust the color saturation for better gray levels and finer picture detail
AOC GameColor has 21 adjustment levels to set the color level for best picture details.

Enhanced accuracy and precision aiming for more gaming victories
The DialPoint feature provides selectable custom crosshair options, helping gamers to play First-Person Shooter (FPS) games with more accurate and precise aiming.

Bring the battle out of the shadows
Bring the battle out of the shadows with Shadow Control! Brighten dark areas or sink them back into blackness on the fly, without affecting the rest of the display.

Reduces blue light exposure for a comfortable experience
LowBlue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.

Direct access to the on-screen display settings
AOC's i-Menu allows direct access to the monitor's on-screen display settings utilizing a mouse.

Flicker-free technology for reduced eye fatigue
Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods of time. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.

See more with 3-sided frameless design
Break away from the shackles of bezels with AOC's 3-Sided Frameless Design monitors. This virtually frameless monitor has extremely narrow bezel around a stunning screen. When used as part of a multi-monitor setup it offers a near-seamless and elegant transition between screens. Beauty, form, and function. Isn't it time you broke free from your bezels?

HDMI for quick digital connection
Enjoy crisp colorful images and audio with simple one-cable connection. An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality smooth digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

➤ Specifications

Model Name	24B20JH3
Panel	23.8" / IPS
Pixel Pitch (mm)	0.2745 (H) × 0.2745 (V)
Effective Viewing Area (mm)	527.04 (H) × 296.46 (V)
Brightness (typical)	250 cd/m²
Contrast Ratio	1000 : 1 (typical) / 20 Million : 1
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 97% (CIE1976) / sRGB 100% (CIE1931)
Optimum Resolution	1920 × 1080 @ 120Hz – HDMI 1920 × 1080 @ 75Hz – VGA
Display Colors	16.7 Million
Signal Input	VGA × 1, HDMI 1.4 × 1
USB Hub	No
Power Supply	External 12VDC, 2.5A
Power Consumption (typical)	24W
Speakers	No
Line In/Earphone	No
Wall-Mount	100x100 mm (2holes)
Adjustable Stand	Tilt : —5° ~ 15°
Product without Stand (mm)	321.3 (H) × 540.9 (W) × 33.7 (D)
Product with Stand (mm)	418.2 (H) ×540.9 (W) × 168 (D)
Packaging (mm)	387 (H) × 598 (W) × 100 (D)
Product without Stand (kg)	2.41
Product with Stand (kg)	2.74
Product with Packaging (kg)	3.84
Cabinet Color	Black
Regulatory Approvals	BSMI / CE / RCM / MEPS / RoHS

Design and Specifications are subject to change without notice.