



VG278H

Ignite the Action with NVIDIA® 3D Vision™ 2 glasses, 3D LightBoost™ technology, and a 120Hz refresh rate on an ergonomically designed 3D display

- Uncompromised 27" 3D immersion with NVIDIA® 3D Vision™ 2 glasses and 3D LightBoost™
- Ultra smooth action with 120Hz refresh rate and 2ms tracer-free
- Vivid color performance with Splendid™ Video Intelligence Technology
- Ergonomic design for swivel, tilt angle, and height adjustment
- Extensive connectivity with HDMI 1.4, dual-link DVI-D, and D-sub



Bigger. Brighter. Better

Uncompromised 3D Immersion

Flicker-free 3D Images with NVIDIA® 3D Vision™ 2

Enter an immersive 3D full HD 1080p world of games and movies with the VG278H. Through the use of the world's first NVIDIA® 3D Vision™ 2 glasses technology, it instantly takes you into another dimension - transforming all your gaming experiences and movies to 3D. With its new technology, it delivers twice sharper 3D images than conventional 3D technology. There are more than five hundreds popular PC game titles* currently compatible with the NVIDIA® 3D Vision™ Kit.

* Please refer to [NVIDIA web site](#).



An Immersive 3D Experience with NVIDIA® 3D LightBoost™ Technology

With the latest NVIDIA® 3D LightBoost™ Technology, enjoy twice the brightness of conventional 3D technology in 3D mode with zero increase in total energy consumption. It's perfect for dark-color games such as Metro 2033 and Batman: Arkham City. Additionally, the redesigned glasses bundled with NVIDIA® 3D LightBoost™ Technology features a 20-percent larger viewing lens, a light blocking visor for comfortable viewing and more comfortable - gamer-inspired design.



Ultra-smooth Action

120Hz Double-Speed Refresh Rate with 2ms Response Time

Supported by Trace Free II Technology, the VG278H is able to double the refresh rate to 120 frames per second, which is twice faster than generic LCD monitors, delivering ultra-smooth 3D visuals. Moreover, the response time is now reduced to 2ms to eliminate tracing and ensure crisp and clear video playback.



sluggish motion scenes in 60Hz refresh rate



sleeker motion scenes in 120Hz refresh rate



Advanced Dual-Side LCD Driving Technology

The VG278H reduces LCD charging time to further prevent mura, ghosting, and bright-line effects, and delivers clear motion scenes during 3D gaming and movie watching.

Vivid Color Performance

Splendid™ Video Intelligence Technology

Splendid™ Video Intelligence Technology is built upon a color engine that automatically analyzes and determines the nature of the user's current task, thereafter adjusting the display's parameters accordingly to ensure the color accuracy and image fidelity. Six preset video modes (Scenery, Theater, Game, Night View, sRGB, and Standard) can be selected via a hotkey.



Ergonomic Design

The VG278H is specially designed with swivel, tilt and height adjustment to suit your preferred viewing angles in 3D gaming and movie watching.

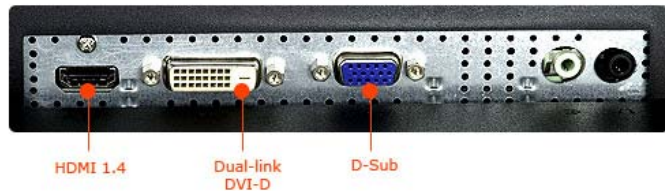


Built-in Angle-Adjustable 3D Emitter for Unprecedented Flexibility

The angle-adjustable 3D emitter optimizes 3D for every scenario; simply switch between three IR signal coverage areas via OSD menu and aim the angle-adjustable 3D emitter at shutter glasses for maximum 3D reception.

Extensive Connectivity

Display stereoscopic 3D via Blu-ray Disc players or game consoles through HDMI 1.4 output. The VG278H offers high compatibility with any media devices with HDMI 1.4, dual-link DVI-D, and D-sub.



Specifications

Display	<p>Panel Size: Wide Screen 27.0"(68.6cm) 16:9</p> <p>True Resolution: 1920x1080</p> <p>Full HD 1080P: Yes</p> <p>Pixel Pitch: 0.311mm</p> <p>Brightness(Max): 300 cd/m²</p> <p>ASUS Smart Contrast Ratio (ASCR): 50000000:1</p> <p>Viewing Angle (CR≥10): 170°(H)/160°(V)</p> <p>Response Time: 2ms (Gray to Gray)</p> <p>Display Colors: 16.7M</p>
Video Feature	<p>Trace Free Technology</p> <p>SPLendid Video Intelligence Technology</p> <p>SPLendid Video Preset Modes: 6 Modes (sRGB Mode/Scenery Mode/Theater Mode/Standard Mode/Night View Mode/Game Mode)</p> <p>Skin-Tone Selection: 3 Modes</p> <p>Color Temperature Selection: 4 Modes</p> <p>HDCP support</p>
Audio Features	<p>Stereo Speakers: 3W x 2 Stereo RMS</p>
Convenient Hotkey	<p>SPLendid Video Preset Mode Selection</p> <p>Auto. Adjustment</p> <p>Brightness Adjustment</p> <p>Contrast Adjustment</p> <p>Input Selection</p>
I/O Ports	<p>Signal Input: HDMI, D-Sub, Dual-link DVI-D (support NVIDIA 3D Vision)</p> <p>PC Audio Input: 3.5mm Mini-Jack</p> <p>AV Audio Input: HDMI 1.4</p> <p>Audio Output: HDMI 1.4</p> <p>Earphone jack: 3.5mm Mini-Jack</p>
Signal Frequency	<p>Analog Signal Frequency: 24~140 KHz(H)/ 50~122 Hz(V)</p> <p>Digital Signal Frequency: 24~83 KHz(H)/ 50~85 Hz(V)</p>

Power Consumption	Power On< 65W Power Saving Mode< 1W Power Off Mode< 1W
Mechanical Design	Chassis Colors : Black Tilt : +15°--5° Swivel : Yes Height Adjustment : Yes VESA Wall Mounting : 100x100mm
Security	Kensington lock
Dimensions	Phys.Dimension(WxHxD): 643x460x220mm Box Dimension(WxHxD): 732x560x176mm
Weight	Net Weight (Esti.): 8 kg Gross Weight (Esti.): 10 kg
Accessories	Dual-link DVI cable VGA cable Audio cable Power cord Quick start guide Warranty Card Nvidia 3D Vision Kit
Regulation Approval	Energy Star®, ErP, UL/cUL, CB, CE, FCC, CCC, BSMI, Gost-R, C-Tick, VCCI, J-MOSS, PSB, RoHS, WEEE, Windows 7 WHQL