

1ms Quick Response Time Monitor

- 21.5" Full HD monitor with 1ms (GTG) quick response time to eliminate ghosting and tracers for more fluid video playback
- ASUS-exclusive GamePlus provides Crosshair and Timer function for better gaming experience
- The TÜV Rheinland-certified ASUS Flicker-Free and Low Blue Light technologies
- Extensive connectivity including HDMI, DVI-D, and D-sub ports. Plus 1.5-Watt stereo speakers.

Superior Image Quality Meets Classic Elegant Design

VP228H 21.5" Full HD monitor with 100,000,000:1 high contrast ratio, ASUS-exclusive SplendidPlus and VividPixel technologies is optimized for the finest image and color quality. This approach extends to the study stand and slim profile without compromising style in ensuring stability and durability.

100,000,000:1 ASUS Smart Contrast Ratio

Dynamically enhances the display's contrast by adjusting the luminance of the backlight to achieve the darkest black and brightest white – delivering lifelike images.



Without ASCR



1ms Quick Response Time

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Without 1ms

ASUS-exclusive GamePlus Technology

When it comes to design, ASUS always have customers in mind – the ASUS VP228H features the ASUS-exclusive GamePlus hotkey with crosshair and timer functions. Gamers can select four different crosshair types to suit the gaming environment; while the latter keeps players aware of the elapsed time in real-time strategy games. These tools allow gamers to practice and improve on their gaming skills.



ASUS-exclusive SplendidPlus Technologies

We've raised the bar by incorporating some of our proprietary technologies into the ASUS VP228H to give you a truly vivid visual experience. The VP228H features the new SplendidPlus™ Video Intelligence Technology that optimizes videos and images by enhancing color brightness, contrast, and sharpness. SplendidPlus™ features two new modes – Reading and Darkroom – in addition to the Scenery, Standard, Theater, sRGB, and Night View modes. Low-blue Light and Flicker-free technologies also reduce the strain on your eyes after long periods of use.

Reading



Creating comfortable experience as if reading actual books by adjusting the monitor's color temperature and brightness levels, simulating paperback books.

Darkroom



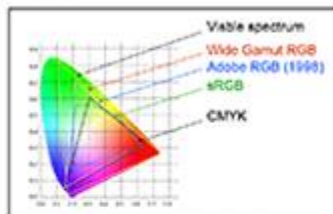
Best choice for soft ambient light environment for visual pleasure.

Scenery



Increases the brightness range, introducing more contrast and selectively tweaking colors for more lush landscapes.

sRGB



Provides the best performance for viewing graphics.

Game



Brings out dark, hard-to-see areas while leaving well-lit portions untouched — allowing you to see opponents lurking in obscure corners.

Night View



Intelligently raises Y-luminance to highlight poorly-lit details, capturing each scene's beauty in a crisp, vibrant fashion.

VividPixel Technology for Best Picture Quality

ASUS VividPixel Technology helps enhance image outlines and reduce noise bars for crystal-clear and detail-oriented viewing.

Monitors without VividPixel

Blur happens if the original image is in low resolution



Monitors with VividPixel

VividPixel generates a high-resolution image



Protect Your Eyes with ASUS Eye Care Technology

The VP228H has undergone stringent performance tests and is certified by TÜV Rheinland laboratories, a global provider of technical, safety, and certification services, to be flicker-free and to emit low blue light levels.

Flicker-free Technology

Say goodbye to tired, strained eyes.

The VP228H features the TÜV Rheinland-certified ASUS Flicker-Free technology designed to reduce flicker for a comfortable viewing experience. This minimizes instances of eyestrain and other damaging effects when you spend long, countless hours in front of a display.



ASUS Blue Light Filter

The VP228H also comes with the TÜV Rheinland-certified ASUS Blue Light Filter to protect you from harmful blue light; a new OSD menu lets you easily access and select four different filter settings onscreen.



Flicker Free

www.tuv.com
ID 0000043082

□ Level 1 (Web browsing)



Perfect for online shopping while viewing the objects on webpage with the exact color without color shift

□ Level 3 (Reading)



By reducing blue light simulating paperback reading experience provide the suitable comfort reading environment

[Print](#)

- [Display](#)

Panel Size: Wide Screen 21.5"(54.6cm) 16:9

True Resolution : 1920x1080

Display Surface Non-glare
Pixel Pitch : 0.248mm
Brightness(Max) : 250 cd/m²
ASUS Smart Contrast Ratio (ASCR) : 100000000:1
Viewing Angle (CR \geq 10) : 170°(H)/160°(V)
Response Time : 1ms (Gray to Gray)
Display Colors : 16.7M
Flicker free

- **Video Feature**

Trace Free Technology : Yes
SPLendid Video Preset Modes : 8 Modes (sRGB Mode/Scenery Mode/Theater Mode/Standard Mode/Night View Mode/Game Mode/Reading Mode/Darkroom Mode)
Skin-Tone Selection : 3 Modes
Color Temperature Selection : 4 Modes
QuickFit (modes) : Yes (Alignment Grid/Photo Modes)
GamePlus(modes) : Yes (Crosshair/Timer)
Low Blue Light : Yes
HDCP support : Yes
VividPixel : Yes
Smart View Technology : Yes

- **Audio Features**

Stereo Speakers : 1.5W x 2 Stereo RMS

- **Convenient Hotkey**

Blue Light Filter
Brightness Adjustment
Input Selection

- **I/O Ports**

Signal Input : HDMI , D-Sub, DVI-D
PC Audio Input : 3.5mm Mini-Jack
AV Audio Input : HDMI

- **Signal Frequency**

Analog Signal Frequency : 30~83 KHz(H)/ 50~75 Hz(V)
Digital Signal Frequency : 30~83 KHz(H)/ 50~75 Hz(V)

- **Power Consumption**

Power On : <21.1W (Based on EnergyStar 6.0)

Power Saving/Off : <0.5W

100-240V, 50/60Hz

- **Mechanical Design**

Chassis Colors : Black

Tilt : +20°~-5°

VESA Wall Mounting : 100x100mm

- **Security**

Kensington lock

- **Dimensions**

Phys. Dimension with Stand(WxHxD): 513x373x199.4mm

Phys. Dimension without Stand(WxHxD): 513x309x52.1mm(For VESA Wall Mount)

Box Dimension(WxHxD):565x440x123 mm

- **Weight**

Net Weight (Esti.): 3.5kg

Gross Weight (Esti.): 5.3kg

- **Accessories**

DVI cable (Optional)

VGA cable

Audio cable(Optional)

Power cord

Quick start guide

HDMI cable (Optional)

Warranty Card

- **Compliance and Standards**

Energy Star®, BSMI, CB, CCC, CE, CEL level 1, CU, ErP, FCC, J-MOSS, PSB, PSE, RoHS, TCO6.0, UL/cUL, VCCI, WEEE, WHQL (Windows 8.1, Windows 7), MEPS, RCM, TUV Flicker-free , TUV Low Blue Light