ASUS VP228HE computer monitor 54.6 cm (21.5") 1920 x 1080 pixels Full HD LCD Black

Brand : ASUS

Product code: 90LM01K0-B02B70

Product name : VP228HE

- 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
- Robust connectivity including HDMI and D-sub ports. Plus 1.5-Watt stereo speakers

21.5" Full HD 1920 x 1080 TN, HDMI, VGA, 11.2W, 100-240V, 50/60Hz

ASUS VP228HE. Display diagonal: 54.6 cm (21.5"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 90°, Viewing angle, vertical: 65°. Built-in speaker(s). VESA mounting. Product colour: Black

Display	
Display diagonal *	54.6 cm (21.5")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	TN
Backlight type	LED
Touchscreen *	✗
Display brightness (typical)	200 cd/m²
Response time *	1 ms
Anti-glare screen	✓
Screen shape *	Flat
Contrast ratio (typical) *	600:1
Contrast ratio (dynamic)	100000000:1
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	90°
Viewing angle, vertical	65°
Display number of colours *	16.7 million colours
Pixel pitch	0.248 x 0.248 mm
Horizontal scan range	30 - 83 kHz
Vertical scan range	50 - 75 Hz
Viewable size, horizontal	47.7 cm
Viewable size, vertical	26.8 cm
Digital horizontal frequency	30 - 83 kHz
Digital vertical frequency	50 - 75 Hz
Colour gamut standard	sRGB

Performance	
NVIDIA G-SYNC *	✗

Ports & interfaces	
HDMI version	1.4
Headphone out *	✗
PC Audio in	✓

Ergonomics	
VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✗
Tilt adjustment	✓
Tilt angle range	20 - -5°

Power	
Energy efficiency class (SDR) *	D
Energy consumption (SDR) per 1000 hours *	13 kWh
Power consumption (typical) *	11.2 W
Power consumption (off)	0.5 W
Power consumption (PowerSave)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	364712

Weight & dimensions	
Width (with stand)	513 mm
Depth (with stand)	199.4 mm
Height (with stand)	373 mm

Performance	
AMD FreeSync *	✗
Flicker-free technology	✓
Low Blue Light technology	✓

Multimedia	
Number of speakers	2
RMS rated power	3 W
Built-in speaker(s) *	✓
Built-in camera *	✗

Design	
Market positioning *	Gaming
Product colour *	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✗
VGA (D-Sub) ports quantity	1
HDMI *	✓
HDMI ports quantity	1

Weight & dimensions	
Weight (with stand)	3.5 kg
Width (without stand)	513 mm
Depth (without stand)	52.1 mm
Height (without stand)	309 mm
Weight (without stand)	2.9 kg

Packaging data	
Package width	565 mm
Package depth	123 mm
Package height	440 mm
Package weight	5.3 kg
Package type	Box

Packaging content	
Stand included	✓
Quick start guide	✓

Other features	
Certification	TÜV Flicker-free TÜV Low Blue Light

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