Philips Momentum 32M1C5500VL/00 LED display 80 cm (31.5")
2560 x 1440 pixels Quad HD LCD Black

Brand : Philips

Product family: Momentum

Product code:
32M1C5500VL/00

Product name :
32M1C5500VL/00

Curved Gaming Monitor 32M1C5500VL Quad HD gaming monitor

Philips Momentum 32M1C5500VL/00 LED display 80 cm (31.5") 2560 x 1440 pixels Quad HD LCD Black:

This Philips gaming monitor delivers crystal-clear visuals and smooth gameplay. Sync technology, 165 Hz refresh rate with HDR create a lifelike experience. The slim-frame display with Ultra Wide-Color enhances visual immersion.
Philips Momentum 32M1C5500VL/00. Display diagonal: 80 cm (31.5"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting. Product colour: Black

Display

Display diagonal *	80 cm (31.5")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	VA
Backlight type	W-LED
Touchscreen *	✖
Display brightness (typical)	250 cd/m²
Response time *	4 ms
Anti-glare screen *	✔
Screen shape *	Curved
Screen curvature rating	1500R
Contrast ratio (typical) *	3000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	144 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Response time (fast)	1 ms
Pixel pitch	0.2724 x 0.2724 mm
Pixel density	93.24 ppi
Viewable size, horizontal	69.7 cm
Viewable size, vertical	39.2 cm
Display diagonal (metric)	80 cm
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	✔
Haze rate	25%

Ergonomics

Height adjustment *	✖
Tilt adjustment	✔
Tilt angle range	-5 - 20°
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	32 kWh
Energy consumption (HDR) per 1000 hours *	57 kWh
Power consumption (typical) *	45.1 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	1302102

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C

Display

Surface hardness	3H
Colour depth	8 bit
Colour gamut standard	sRGB
sRGB coverage (typical)	121.6%
NTSC coverage (typical)	102.1%
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
VESA Adaptive Sync support	✔
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✘
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	✔
HDCP	✔
HDCP version	1.4/2.2

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington

Operational conditions

Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	3658 - 12192 m

Weight & dimensions

Width (with stand)	709 mm
Depth (with stand)	239 mm
Height (with stand)	527 mm
Weight (with stand)	7.83 kg
Width (without stand)	709 mm
Depth (without stand)	95 mm
Height (without stand)	423 mm
Weight (without stand)	6.37 kg

Packaging data

Package width	782 mm
Package depth	227 mm
Package height	523 mm
Package weight	10.4 kg

Packaging content

Stand included	✔
Cables included	HDMI, DisplayPort, AC
Manual	✔

Sustainability

Sustainability compliance	✔
Doesn't contain	Mercury, PVC/BFR

Other features

Low input lag	✔
Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8 / 7
Exterior finish type	Textured
Picture enhancement	SmartImage game
Recyclable packaging material	100%
Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h

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