

# Philips 559M1RYV/00 LED display 139.7 cm (55") 3840 x 2160 pixels 4K Ultra HD Black

Brand : Philips

Product code: 559M1RYV/00

Product name : 559M1RYV/00

- Designed for Xbox
  - Momentum
  - 55" (139.7 cm)
  - 3840 x 2160 (4K UHD)
- Monitor 559M1RYV 4K HDR display with Ambiglow

Philips 559M1RYV/00 LED display 139.7 cm (55") 3840 x 2160 pixels 4K Ultra HD Black:

For true console gaming enthusiasts, the Designed for Xbox Momentum display delivers a new era of gaming. Level up with sound by audio experts Bowers & Wilkins and new Ambiglow lighting for deeper immersion and overall gaming awesomeness.

Philips 559M1RYV/00. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub. VESA mounting. Product colour: Black



Display		Ergonomics	
Display diagonal *	139.7 cm (55")	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
Display resolution *	3840 x 2160 pixels	Number of OSD languages	21
HD type *	4K Ultra HD	Plug and Play	✓
Native aspect ratio *	16:9	LED indicators	Stand-by
Display technology *	LED	Power	
Panel type *	VA	Energy efficiency class (SDR) *	G
Backlight type	W-LED	Energy efficiency class (HDR) *	G
Touchscreen *	✗	Energy consumption (SDR) per 1000 hours *	100 kWh
Display brightness (typical)	750 cd/m <sup>2</sup>	Energy consumption (HDR) per 1000 hours *	162 kWh
Response time *	4 ms	Power consumption (typical) *	95.3 W
Screen shape *	Flat	Power consumption (standby) *	0.5 W
Aspect ratio	16:9	Power consumption (off)	0.3 W
Contrast ratio (typical) *	4000:1	AC input voltage	100 - 240 V
Dynamic contrast ratio marketing name	Mega Infinity DCR	AC input frequency	50 - 60 Hz
Maximum refresh rate *	144 Hz	Power supply type	Internal
Viewing angle, horizontal	178°	Energy efficiency scale	A to G
Viewing angle, vertical	178°	European Product Registry for Energy Labelling (EPREL) code	414204
Display number of colours *	1.07 billion colours	Operational conditions	
Pixel pitch	0.315 x 0.315 mm	Operating temperature (T-T)	0 - 40 °C
Pixel density	80 ppi	Storage temperature (T-T)	-20 - 60 °C
Horizontal scan range	30 - 135 kHz	Operating relative humidity (H-H)	20 - 80%
Vertical scan range	48 - 144 Hz	Operating altitude	0 - 3658 m
Viewable size, horizontal	121 cm	Non-operating altitude	0 - 12192 m
Viewable size, vertical	68 cm	Weight & dimensions	
Display diagonal (metric)	139.7 cm	Width (with stand)	1232 mm
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR 1000		
DDC/CI	✓		
Colour gamut	95%		
sRGB coverage (typical)	125%		

<b>Display</b>		<b>Weight &amp; dimensions</b>	
NTSC coverage (typical)	104%	Depth (with stand)	308 mm
DCI-P3 coverage	95%	Height (with stand)	834 mm
Display sRGB	✓	Weight (with stand)	29.5 kg
<b>Performance</b>		Width (without stand)	1232 mm
NVIDIA G-SYNC *	✗	Depth (without stand)	102 mm
AMD FreeSync *	✗	Height (without stand)	715 mm
Ambient lighting type	3-sided	Weight (without stand)	25.7 kg
VESA Adaptive Sync support	✓	<b>Packaging data</b>	
Component video sync	Separate sync	Package width	1390 mm
Flicker-free technology	✓	Package depth	376 mm
Low Blue Light technology	✓	Package height	990 mm
<b>Multimedia</b>		Package weight	38.2 kg
Number of speakers	2	Package type	Box
RMS rated power	40 W	<b>Packaging content</b>	
Built-in speaker(s) *	✓	Stand included	✓
Audio decoders	DTS	Cables included	DisplayPort, HDMI, USB Type-C to USB Type-C, AC
Built-in camera *	✗	Remote control included	✓
<b>Design</b>		Manual	✓
Market positioning *	Gaming	<b>Other features</b>	
Product colour *	Black	Low input lag	✓
<b>Ports &amp; interfaces</b>		Consumer Electronics Control (CEC)	EasyLink
Built-in USB hub *	✓	EasyLink	Remote control pass-through, System audio control, System standby
USB upstream port type	USB Type-B	Picture-by-Picture (PbP)	✓
Number of upstream ports	1	Exterior finish type	Gloss/Textured
Number of USB Type-B upstream ports quantity	1	Sound enhancement technology	DTS Sound
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	3	MultiView	PBP (2 x devices)
HDMI version	2.1	Heavy metals free	Hg (mercury)
DisplayPorts quantity	1	Speakers	2 x tweeters, 10 W x 2 mid-high speakers, 20 W x 1 woofer
DisplayPort version	1.4	Philips SmartUniformity	93 - 105%
Audio output	✓	Picture enhancement	SmartImage game
<b>Ergonomics</b>		Regulatory Approvals	CB; CE Mark; TUV/ISO9241-307; TUV-BAUART; CU-EAC; EAEU RoHS; CCC; CECP; CEL
VESA mounting *	✓	Delta E	2
Panel mounting interface	200 x 200 mm	LowBlue mode	✓
Cable lock slot *	✓	Mean time between failures (MTBF)	50000 h
Cable lock slot type	Kensington	Certification	CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, CU-EAC, EAEU RoHS, CCC, CECP, CEL
Height adjustment *	✗	<b>Logistics data</b>	
Tilt adjustment	✓	Harmonized System (HS) code	85285210
Tilt angle range	-5 - 10°		
On Screen Display (OSD)	✓		



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