Philips P Line 32:9 SuperWide curved LCD display 499P9H/00

Brand : Philips

Product family: P Line

Product code: 499P9H/00

Product name : 32:9 SuperWide curved LCD display 499P9H/00

Monitor 499P9H 32:9 SuperWide curved LCD display

Philips P Line 32:9 SuperWide curved LCD display 499P9H/00:

Our award-winning 49" curved 32:9 SuperWide display is like two full-size high-performance monitors in one. Productivity-enhancing features like USB-C and pop-up webcam with Windows Hello deliver the performance and convenience you expect.
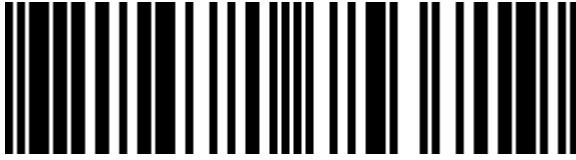Philips P Line 32:9 SuperWide curved LCD display 499P9H/00. Display diagonal: 124 cm (48.8"), Display resolution: 5120 x 1440 pixels, HD type: UltraWide Dual Quad HD, Display technology: LCD, Display surface: Matt, Response time: 5 ms, Native aspect ratio: 32:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display

Display diagonal *	124 cm (48.8")
Display resolution *	5120 x 1440 pixels
HD type *	UltraWide Dual Quad HD
Native aspect ratio *	32:9
Display technology *	LCD
Panel type *	VA
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	450 cd/m²
Response time *	5 ms
Display surface	Matt
Anti-glare screen	✔
Screen shape *	Curved
Screen curvature rating	1800R
Supported graphics resolutions	2560 x 1440, 3440 x 1440, 5120 x 1440
Aspect ratio	32:9
Contrast ratio (typical) *	3000:1
Contrast ratio (dynamic)	80000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	70 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.233 x 0.233 mm
Pixel density	109 ppi
Horizontal scan range	30 - 230 kHz
Vertical scan range	48 - 70 Hz
Viewable size, horizontal	119.3 cm

Ergonomics

Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	13 cm
Swivelling	✔
Swivel angle range	-20 - 20°
Tilt adjustment	✔
Tilt angle range	-5 - 15°
On Screen Display (OSD)	✔
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
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	52 kWh
Energy consumption (HDR) per 1000 hours *	94 kWh
Power consumption (typical) *	41.25 W
Power consumption (standby) *	0.3 W
Power consumption (PowerSave)	43.3 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Display

Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 230 kHz
Digital vertical frequency	48 - 70 Hz
Sync-on-green (SOG)	✓
Display diagonal (metric)	124 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	✓
Haze rate	25%
Surface hardness	2H
Colour depth	8 bit
Colour gamut standard	sRGB
Colour gamut	103%
sRGB coverage (typical)	121%
NTSC coverage (typical)	100%
Adobe RGB coverage	91%
Screen curvature	180 cm
3D	✗
Separate H/V sync	✓
DCI-P3 coverage	91%
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

Number of speakers	2
RMS rated power	10 W
Built-in speaker(s) *	✓
Megapixel (approx.)	2 MP
Built-in microphone	✓
Built-in camera *	✓

Design

Market positioning *	Home
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-C
Number of upstream ports	1
USB Type-A downstream ports quantity	3
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓
USB Power Delivery up to	90 W
DVI port	✗
HDMI *	✓
HDMI ports quantity	2
HDMI version	2.0b
DisplayPorts quantity	1
DisplayPort version	1.4
Audio input	✗

Power

Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	398394

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Weight & dimensions

Width (with stand)	1194 mm
Depth (with stand)	303 mm
Height (with stand)	568 mm
Weight (with stand)	15.3 kg
Width (without stand)	1194 mm
Depth (without stand)	156 mm
Height (without stand)	369 mm
Weight (without stand)	11 kg

Packaging data

Package width	1308 mm
Package depth	553 mm
Package height	384 mm
Package weight	21.5 kg
Package type	Box

Packaging content

Stand included	✓
Cables included	HDMI, DisplayPort, USB Type-A to USB Type-B, USB Type-C to USB Type-C, USB Type-C to USB Type-A, AC
Manual	✓
Bundled software	SmartControl

Sustainability

Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	PVC/BFR, Mercury

Other features

HBR3 support	✓
On/off switch	✓
USB Power Delivery revision	3.0
TV tuner integrated	✗
Picture-by-Picture (PbP)	✓
Exterior finish type	Textured
Recyclable packaging material	100%
Heavy metals free	Hg (mercury)
EasyRead mode	✓
LowBlue mode	✓
Philips SmartUniformity	97 - 102%
Compliance certificates	RoHS, WEEE
Recommended resolution	5120 x 1440 @ 60 Hz
Picture enhancement	SmartImage
MultiView	PBP (2 x devices)
Regulatory Approvals	CCC; CECP; KCC; PSE; VCCI; J-MOSS; BSMI; RCM; CE Mark; FCC Class B; PSB; E-standby; UKRAINIAN; ICES-003; CU-EAC; cETLus; TUV/GS; TUV Ergo; MEPS; CEL; KC; CB
Delta E	2
Mean time between failures (MTBF)	70000 h
Ethernet LAN data rates	10,100,1000 Mbit/s

Ports & interfaces			Other features		
Headphone out *	✓		Ethernet LAN (RJ-45) ports	1	
Headphone outputs	1		Wake-on-LAN	✓	
HDCP	✓		Certification	CCC, CECP, KCC, PSE, VCCI, J-MOSS, BSMI, RCM, CE Mark, FCC Class B, PSB, E-standby, UKRAINIAN, ICES-003, CU-EAC, cETLus, TUV/GS, TUV Ergo, SEMKO, MEPS, CEL, KC, CB	
HDCP version	1.4/2.2				
AC (power) in	✓				

Network		
Ethernet LAN	✓	

Recycling data		
Total amount of recyclable materials	85%	
Post-consumer recycled plastic	85%	

Ergonomics		
VESA mounting *	✓	

Logistics data		
Harmonized System (HS) code	85285210	

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