PHILIPS

Philips P Line 439P1/00 computer monitor 108 cm (42.5") 3840 x 2160 pixels 4K Ultra HD LCD Black



Brand : Philips **Product family:** P Line **Product code:** 439P1/00

Product name : 439P1/00

Business Monitor 439P1 4K Ultra HD LCD display with MultiView

Philips P Line 439P1/00 computer monitor 108 cm (42.5") 3840 x 2160 pixels 4K Ultra HD LCD Black:

The Philips USB-C docking display for a comprehensive solution. View UltraClear 4K UHD and recharge a laptop, all at the same time with a single USB-C cable. Integrated KVM switch and multiple connections for performance and convenience.
Philips P Line 439P1/00. Display diagonal: 108 cm (42.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, Display surface: Matt, 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, Height adjustment. Product colour: Black



Display	
Display diagonal *	108 cm (42.5")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	VA
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	400 cd/m²
Response time *	4 ms
Response time measurement type	GTG (Gray to Gray)
Display surface	Matt
Anti-glare screen	✔
Screen shape *	Flat
Aspect ratio	16:9
Contrast ratio (typical) *	4000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.2451 x 0.2451 mm
Pixel density	103.64 ppi
Horizontal scan range	30 - 140 kHz
Vertical scan range	48 - 60 Hz
Viewable size, horizontal	94.1 cm

Ergonomics	
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	10 cm
Swivelling	✔
Swivel angle range	-45 - 45°
Tilt adjustment	✔
Tilt angle range	-5 - 23°
Picture-in-Picture	✔
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 *	55 kWh
Energy consumption (HDR) per 1000 hours *	91 kWh
Power consumption (typical) *	46 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0 W
Power consumption (PowerSave)	43.9 W
AC input voltage	100 - 240 V

Display	
Viewable size, vertical	52.9 cm
Display diagonal (metric)	108 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
sRGB coverage (typical)	126%
NTSC coverage (typical)	105%
Adobe RGB coverage	90%
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) *	✔
Built-in camera *	✘

Design	
Market positioning *	Professional
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✔
USB upstream port type	USB Type-B, USB Type-C
Number of upstream ports	2
Number of USB Type-B upstream ports quantity	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	3
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	3
HDMI version	1.4/2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
Built-in KVM switch	✔
HDCP	✔
HDCP version	1.4/2.2

Network	
Ethernet LAN	✔

Power	
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

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)	978 mm
Depth (with stand)	281 mm
Height (with stand)	713 mm
Weight (with stand)	18 kg
Width (without stand)	978 mm
Depth (without stand)	78 mm
Height (without stand)	573 mm
Weight (without stand)	12.4 kg

Packaging data	
Package width	1150 mm
Package depth	284 mm
Package height	704 mm
Package weight	23.3 kg
Package type	Box

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

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

Other features	
HBR3 support	✔
USB Power Delivery revision	3.0
Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Heavy metals free	Hg (mercury)
RS-232 interface	✔
EasyRead mode	✔
LowBlue mode	✔
Philips SmartUniformity	93 - 105%
Weight	12.4 kg
Picture enhancement	SmartImage
MultiView	PIP/PBP mode, 4 x devices
Regulatory Approvals	CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003
Delta E	2
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
Ethernet LAN data rates	10,100,1000 Mbit/s
Wake-on-LAN	✔
Certification	CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003

Ergonomics	
VESA mounting *	✔
Panel mounting interface	200 x 200 mm
Cable lock slot *	✔

Recycling data	
Recyclable packaging material	100%
Post-consumer recycled plastic	85%

Logistics data	
Harmonized System (HS) code	85285210

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