

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

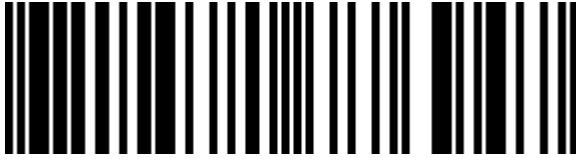
The Philips USB-C docking display for a comprehensive solution. View UltraClear 4K UHD and recharge a laptop, all at the same time with a single USB-C cable. Integrated KVM switch and multiple connections for performance and convenience.

Philips P Line 439P1/00. Display diagonal: 108 cm (42.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, 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		Ergonomics	
Display diagonal *	108 cm (42.5")	Cable lock slot *	✓
Display resolution *	3840 x 2160 pixels	Cable lock slot type	Kensington
HD type *	4K Ultra HD	Height adjustment *	✓
Native aspect ratio *	16:9	Height adjustment	10 cm
Display technology *	LED	Swivelling	✓
Panel type *	VA	Swivel angle range	-45 - 45°
Backlight type	W-LED	Tilt adjustment	✓
Touchscreen *	✗	Tilt angle range	-5 - 23°
Display brightness (typical)	400 cd/m ²	Picture-in-Picture	✓
Response time	4 ms	On Screen Display (OSD)	✓
Display surface	Matt	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
Anti-glare screen	✓	Number of OSD languages	21
Screen shape *	Flat	Plug and Play	✓
Aspect ratio	16:9	LED indicators	Operation, Stand-by
Contrast ratio (typical) *	4000:1	Power	
Contrast ratio (dynamic)	50000000:1	Energy efficiency class (SDR) *	G
Dynamic contrast ratio marketing name	SmartContrast	Energy efficiency class (HDR) *	G
Maximum refresh rate *	30 Hz	Energy consumption (SDR) per 1000 hours *	55 kWh
Viewing angle, horizontal	178°	Energy consumption (HDR) per 1000 hours *	91 kWh
Viewing angle, vertical	178°	Power consumption (typical) *	46 W
Display number of colours *	1.07 billion colours	Power consumption (standby) *	0.3 W
Pixel pitch	0.2451 x 0.2451 mm	Power consumption (PowerSave)	43.9 W
Pixel density	103.64 ppi	AC input voltage	100 - 240 V
Horizontal scan range	30 - 140 kHz	AC input frequency	50 - 60 Hz
Vertical scan range	48 - 60 Hz		
Viewable size, horizontal	94.1 cm		
Viewable size, vertical	52.9 cm		
Display diagonal (metric)	108 cm		

Display		Power	
High Dynamic Range (HDR) supported	✓	Power supply type	Internal
High Dynamic Range (HDR) technology	DisplayHDR 400	Energy efficiency scale	A to G
DDC/CI	✓	Operational conditions	
Haze rate	25%	Operating temperature (T-T)	0 - 40 °C
Surface hardness	3H	Storage temperature (T-T)	-20 - 60 °C
sRGB coverage (typical)	126%	Operating relative humidity (H-H)	20 - 80%
NTSC coverage (typical)	105%	Operating altitude	0 - 3658 m
Adobe RGB coverage	90%	Non-operating altitude	0 - 12192 m
Display sRGB	✓	Packaging content	
Performance		Stand included	✓
NVIDIA G-SYNC *	✗	Cables included	HDMI, DisplayPort, USB Type-A to USB Type-B, USB Type-C, AC
AMD FreeSync *	✗	Manual	✓
VESA Adaptive Sync support	✓	Bundled software	SmartControl
Component video sync	Separate sync	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	978 mm
Low Blue Light technology	✓	Depth (with stand)	281 mm
HBR3 support	✓	Height (with stand)	713 mm
Multimedia		Weight (with stand)	18 kg
Built-in speaker(s) *	✓	Width (without stand)	978 mm
Built-in camera *	✗	Depth (without stand)	78 mm
Number of speakers	2	Height (without stand)	573 mm
RMS rated power	5 W	Weight (without stand)	12.4 kg
Design		Packaging data	
Market positioning *	Gaming	Package width	1150 mm
Product colour *	Black	Package depth	284 mm
Front bezel colour	Black	Package height	704 mm
Feet colour	Black	Package weight	23.3 kg
Heavy metals free	Hg (mercury)	Package type	Box
Certification	CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR, RoHS
Built-in USB hub *	✓	Doesn't contain	PVC/BFR, Mercury
USB upstream port type	USB Type-B, USB Type-C	European Product Registry for Energy Labelling (EPREL) code	587235
Number of upstream ports	2	Recycling data	
Number of USB Type-B upstream ports quantity	1	Post-consumer recycled plastic	85%
Number of USB Type-C upstream ports quantity	1	Logistics data	
USB Type-C DisplayPort Alternate Mode	✓	Harmonized System (HS) code	85285210
USB Power Delivery	✓	Other features	
USB Power Delivery up to	90 W	USB Power Delivery revision	3.0
HDMI *	✓	Picture-by-Picture (PbP)	✓
HDMI ports quantity	2	Exterior finish type	Textured
HDMI version	2.0	Picture enhancement	SmartImage
DisplayPorts quantity	1	Recyclable packaging material	100%
DisplayPort version	1.4	MultiView	PIP/PBP mode, 4 x devices
Headphone out *	✓	Regulatory Approvals	CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003
Built-in KVM switch	✓	Delta E	2
HDCP	✓	RS-232 interface	✓
HDCP version	1.4/2.2	EasyRead mode	✓
Network		LowBlue mode	✓
Ethernet LAN	✓	Philips SmartUniformity	93 - 105%
Ergonomics		Weight	12.4 kg
VESA mounting *	✓	Mean time between failures (MTBF)	70000 h
Panel mounting interface	200 x 200 mm	Ethernet LAN data rates	10,100,1000 Mbit/s
		Wake-on-LAN	✓



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