

## 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                               |                      | Ergonomics                                |                                                                                                                                                                                                         |
|---------------------------------------|----------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display diagonal *                    | 108 cm (42.5")       | Cable lock slot type                      | Kensington                                                                                                                                                                                              |
| Display resolution *                  | 3840 x 2160 pixels   | Height adjustment *                       | ✓                                                                                                                                                                                                       |
| HD type *                             | 4K Ultra HD          | Adjustable height (max)                   | 10 cm                                                                                                                                                                                                   |
| Native aspect ratio *                 | 16:9                 | Swivelling                                | ✓                                                                                                                                                                                                       |
| Display technology *                  | LCD                  | Swivel angle range                        | -45 - 45°                                                                                                                                                                                               |
| Panel type *                          | VA                   | Tilt adjustment                           | ✓                                                                                                                                                                                                       |
| LED backlight                         | ✓                    | Tilt angle range                          | -5 - 23°                                                                                                                                                                                                |
| Backlight type                        | W-LED                | Picture-in-Picture                        | ✓                                                                                                                                                                                                       |
| Touchscreen *                         | ✗                    | On Screen Display (OSD)                   | ✓                                                                                                                                                                                                       |
| Display brightness (typical)          | 400 cd/m²            | 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 |
| Response time *                       | 4 ms                 |                                           |                                                                                                                                                                                                         |
| Response time measurement type        | GTG (Gray to Gray)   |                                           |                                                                                                                                                                                                         |
| Display surface                       | Matt                 |                                           |                                                                                                                                                                                                         |
| 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 *                | 60 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 (off)                   | 0 W                                                                                                                                                                                                     |
| Pixel density                         | 103.64 ppi           | Power consumption (PowerSave)             | 43.9 W                                                                                                                                                                                                  |
| Horizontal scan range                 | 30 - 140 kHz         | AC input voltage                          | 100 - 240 V                                                                                                                                                                                             |
| Vertical scan range                   | 48 - 60 Hz           |                                           |                                                                                                                                                                                                         |
| Viewable size, horizontal             | 94.1 cm              |                                           |                                                                                                                                                                                                         |

| Display                                      |                        | Power                             |                                                                                |
|----------------------------------------------|------------------------|-----------------------------------|--------------------------------------------------------------------------------|
| Viewable size, vertical                      | 52.9 cm                | AC input frequency                | 50 - 60 Hz                                                                     |
| Display diagonal (metric)                    | 108 cm                 | Power supply type                 | Internal                                                                       |
| High Dynamic Range (HDR) supported           | ✓                      | Energy efficiency scale           | A to G                                                                         |
| High Dynamic Range (HDR) technology          | DisplayHDR 400         | Operational conditions            |                                                                                |
| DDC/CI                                       | ✓                      | Operating temperature (T-T)       | 0 - 40 °C                                                                      |
| Haze rate                                    | 25%                    | Storage temperature (T-T)         | -20 - 60 °C                                                                    |
| Surface hardness                             | 3H                     | Operating relative humidity (H-H) | 20 - 80%                                                                       |
| sRGB coverage (typical)                      | 126%                   | Operating altitude                | 0 - 3658 m                                                                     |
| NTSC coverage (typical)                      | 105%                   | Non-operating altitude            | 0 - 12192 m                                                                    |
| Adobe RGB coverage                           | 90%                    | Weight & dimensions               |                                                                                |
| Display sRGB                                 | ✓                      | Width (with stand)                | 978 mm                                                                         |
| Performance                                  |                        | Depth (with stand)                | 281 mm                                                                         |
| NVIDIA G-SYNC *                              | ✗                      | Height (with stand)               | 713 mm                                                                         |
| AMD FreeSync *                               | ✗                      | Weight (with stand)               | 18 kg                                                                          |
| VESA Adaptive Sync support                   | ✓                      | Width (without stand)             | 978 mm                                                                         |
| Component video sync                         | Separate Sync          | Depth (without stand)             | 78 mm                                                                          |
| Flicker-free technology                      | ✓                      | Height (without stand)            | 573 mm                                                                         |
| Low Blue Light technology                    | ✓                      | Weight (without stand)            | 12.4 kg                                                                        |
| Multimedia                                   |                        | Packaging data                    |                                                                                |
| Number of speakers                           | 2                      | Package width                     | 1150 mm                                                                        |
| RMS rated power                              | 10 W                   | Package depth                     | 284 mm                                                                         |
| Built-in speaker(s) *                        | ✓                      | Package height                    | 704 mm                                                                         |
| Built-in camera *                            | ✗                      | Package weight                    | 23.3 kg                                                                        |
| Design                                       |                        | Package type                      | Box                                                                            |
| Market positioning *                         | Professional           | Packaging content                 |                                                                                |
| Product colour *                             | Black                  | Stand included                    | ✓                                                                              |
| Front bezel colour                           | Black                  | Cables included                   | HDMI, DisplayPort, USB Type-A to USB Type-B, USB Type-C, AC                    |
| Feet colour                                  | Black                  | Manual                            | ✓                                                                              |
| Ports & interfaces                           |                        | Bundled software                  | SmartControl                                                                   |
| Built-in USB hub *                           | ✓                      | Sustainability                    |                                                                                |
| USB upstream port type                       | USB Type-B, USB Type-C | Sustainability certificates       | ENERGY STAR                                                                    |
| Number of upstream ports                     | 2                      | Doesn't contain                   | PVC/BFR, Mercury                                                               |
| Number of USB Type-B upstream ports quantity | 1                      | Other features                    |                                                                                |
| Number of USB Type-C upstream ports quantity | 1                      | HBR3 support                      | ✓                                                                              |
| USB Type-A downstream ports quantity         | 3                      | USB Power Delivery revision       | 3.0                                                                            |
| USB Type-C downstream ports quantity         | 1                      | Picture-by-Picture (PbP)          | ✓                                                                              |
| USB Type-C DisplayPort Alternate Mode        | ✓                      | Exterior finish type              | Textured                                                                       |
| USB Power Delivery (USB PD)                  | ✓                      | Heavy metals free                 | Hg (mercury)                                                                   |
| USB Power Delivery up to                     | 90 W                   | RS-232 interface                  | ✓                                                                              |
| HDMI *                                       | ✓                      | EasyRead mode                     | ✓                                                                              |
| HDMI ports quantity                          | 3                      | LowBlue mode                      | ✓                                                                              |
| HDMI version                                 | 1.4/2.0                | Philips SmartUniformity           | 93 - 105%                                                                      |
| DisplayPorts quantity                        | 1                      | Weight                            | 12.4 kg                                                                        |
| DisplayPort version                          | 1.4                    | Picture enhancement               | SmartImage                                                                     |
| Headphone out *                              | ✓                      | MultiView                         | PIP/PBP mode, 4 x devices                                                      |
| Built-in KVM switch                          | ✓                      | Regulatory Approvals              | CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003        |
| HDCP                                         | ✓                      | Delta E                           | 2                                                                              |
| HDCP version                                 | 1.4/2.2                | Compliance certificates           | RoHS                                                                           |
| Network                                      |                        | Mean time between failures (MTBF) | 70000 h                                                                        |
| Ethernet LAN                                 | ✓                      | 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               |              | Recycling data                 |          |
|--------------------------|--------------|--------------------------------|----------|
| VESA mounting *          | ✓            | Recyclable packaging material  | 100%     |
| Panel mounting interface | 200 x 200 mm | Post-consumer recycled plastic | 85%      |
| Cable lock slot *        | ✓            | Logistics data                 |          |
|                          |              | Harmonized System (HS) code    | 85285210 |



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### **Catalog Object Cloud**



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