

Philips 279P1/00, 68.6 cm (27"), 3840 x 2160 pixels, 4K Ultra HD, LED, 4 ms, Black

Monitor 279P1 LCD monitor with USB-C docking

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	279P1/00
EAN/UPC	8712581764371



Description

This Philips monitor offers 90W power delivery and a simple laptop docking solution. View UHD image, re-charge a laptop and Ethernet, all at the same time with a single USB-C cable. Eye comfort with TUV certification to reduce eye fatigue.

Main features

	General
Display diagonal	68.6 cm
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)	Yes
Built-in USB hub	Yes
USB hub version	3.2 Gen 2 (3.1 Gen 2)
VESA mounting	Yes
Height adjustment	Yes
Product colour	Black

Extended details

	Display
Display diagonal	68.6 cm
Display resolution	3840 x 2160 pixels
Native aspect ratio	16:9
Display technology	LED
Touchscreen	No

HD type	4K Ultra HD
Panel type	IPS
Backlight type	W-LED
Display brightness (typical)	350 cd/m ²
Response time	4 ms
Anti-glare screen	Yes
Screen shape	Flat
Supported graphics resolutions	3840 x 2160
Aspect ratio	16:9
Contrast ratio (typical)	1000:1
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
SmartResponse	4 ms
Pixel pitch	0.155 x 0.155 mm
Pixel density	163 ppi
Horizontal scan range	30 - 140 kHz
Vertical scan range	23 - 60 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 140 kHz
Digital vertical frequency	23 - 60 Hz
Display diagonal (metric)	68.6 cm
DDC/CI	Yes
Haze rate	25 %
Surface hardness	3H
Colour gamut standard	sRGB
Colour gamut	103 %
sRGB coverage (typical)	112 %
NTSC coverage (typical)	93 %
Display sRGB	Yes
	Performance
NVIDIA G-SYNC	No
AMD FreeSync	No

Component video sync	Separate sync
Flicker-free technology	Yes
Low Blue Light technology	Yes
Ports & interfaces	
Built-in USB hub	Yes
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-C
Number of upstream ports	1
Number of USB Type-C upstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	Yes
USB Power Delivery (USB PD)	Yes
USB Power Delivery up to	90 W
VGA (D-Sub) ports quantity	0
DVI port	No
HDMI	Yes
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	Yes
HDCP	Yes
HDCP version	2.2
Design	
Market positioning	Home
Product colour	Black
Front bezel colour	Black
Feet colour	Black
Multimedia	
Built-in speaker(s)	Yes
Number of speakers	2
RMS rated power	6 W
Built-in camera	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington

Height adjustment	Yes
Adjustable height (max)	15 cm
Pivot	Yes
Pivot angle	-90 - 90 °
Swivelling	Yes
Swivel angle range	-180 - 180 °
Tilt adjustment	Yes
Tilt angle range	-5 - 35 °
On Screen Display (OSD)	Yes
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
Plug and Play	Yes
LED indicators	Operation, Stand-by
Other features	
HBR3 support	Yes
USB Power Delivery revision	3.0
Exterior finish type	Textured
Recyclable packaging material	100 %
Heavy metals free	Hg (mercury), Pb (lead)
Light sensor	Yes
EasyRead mode	Yes
LowBlue mode	Yes
Philips SmartUniformity	97 - 102 %
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
Ethernet LAN data rates	10,100,1000 Mbit/s
Certification	cETLus, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, UKRAINIAN, FCC Class B, ICES-003, TUV Eye Comfort certified
Picture enhancement	SmartImage
Regulatory Approvals	cETLus; CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CE Mark; UKRAINIAN; FCC Class B; ICES-003; TUV Eye Comfort certified
Delta E	2
Wake-on-LAN	Yes
Packaging content	
Stand included	Yes
Cables included	HDMI, DisplayPort, USB Type-C, AC
Manual	Yes
Bundled software	SmartControl

	Weight & dimensions
Width (with stand)	613 mm
Depth (with stand)	225 mm
Height (with stand)	537 mm
Weight (with stand)	7.52 kg
Width (without stand)	613 mm
Depth (without stand)	54 mm
Height (without stand)	366 mm
Weight (without stand)	5.73 kg
	Packaging data
Package width	730 mm
Package depth	193 mm
Package height	471 mm
Package weight	11.2 kg
Package type	Box
	Power
Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	30 kWh
Power consumption (typical)	25.9 W
Power consumption (standby)	0.3 W
Power consumption (off)	0 W
Power consumption (PowerSave)	20.9 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	416782
	Network
Ethernet LAN	Yes
	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
	Sustainability

Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	Mercury, PVC/BFR
	Recycling data
Post-consumer recycled plastic	85 %
	Logistics data
Harmonized System (HS) code	85285210