PHILIPS

Philips B Line 275B1H/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LED Black

Brand : Philips　　　**Product family:** B Line　　　**Product code:** 275B1H/00

Product name : 275B1H/00

Monitor 275B1H LCD monitor with Windows Hello Webcam

Philips B Line 275B1H/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LED Black:

This Philips monitor with a secure pop-up webcam with Windows Hello offers a personalized, greater security. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.
Philips B Line 275B1H/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 2K 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). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black

Display

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	2K Ultra HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Response time *	4 ms
Anti-glare screen	✔
Screen shape *	Flat
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.2331 x 0.2331 mm
Pixel density	109 ppi
Horizontal scan range	30 - 114 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 114 kHz
Digital vertical frequency	48 - 75 Hz

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	15 cm
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 30°
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) *	F
Energy consumption (SDR) per 1000 hours *	26 kWh
Power consumption (typical) *	18 W
Power consumption (standby) *	0.4 W
Power consumption (PowerSave)	17.5 W

Display

Sync-on-green (SOG)	✔
Display diagonal (metric)	68.6 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB
Colour gamut	110%
sRGB coverage (typical)	107%
NTSC coverage (typical)	104%
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	4 W
Built-in speaker(s) *	✔
Megapixel (approx.)	2 MP
Built-in microphone	✔
Built-in camera *	✔

Design

Market positioning *	Business
Product colour *	Black
Front bezel colour	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-B
Number of upstream ports	1
USB Type-A downstream ports quantity	3
VGA (D-Sub) ports quantity	1
DVI port	✔
DVI-D ports quantity	1
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Audio input	✘
Audio output	✔
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm
PC Audio in	✔
HDCP	✔
HDCP version	1.4
AC (power) in	✔

Power

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	413349

Operational conditions

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

Weight & dimensions

Width (with stand)	613 mm
Depth (with stand)	205 mm
Height (with stand)	537 mm
Weight (with stand)	6.42 kg
Width (without stand)	613 mm
Depth (without stand)	51 mm
Height (without stand)	366 mm
Weight (without stand)	4.77 kg

Packaging data

Package width	700 mm
Package depth	215 mm
Package height	456 mm
Package weight	9.7 kg

Packaging content

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

Sustainability

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

Other features

Exterior finish type	Textured
Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	EPA; CB; TUV/GS; TUV Ergo; CU-EAC; CE Mark; FCC Class B; ICES-003; UKRAINIAN; TUV Eye Comfort certified
Heavy metals free	Hg (mercury), Pb (lead)
Light sensor	✔
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
Certification	EPA, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, CE Mark, FCC Class B, ICES-003, UKRAINIAN, TUV Eye Comfort certified

Recycling data

Post-consumer recycled plastic	85%

Logistics data

Harmonized System (HS) code	85285210

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