



275B1H/00

This Philips monitor with a secure pop-up webcam with Windows Hello offers personalised and greater security. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

GENERAL

EAN	8712581768270
Model Name	275B1H
Brand	Philips Monitors/MMD
Description	Monitor 275B1H LCD monitor with Windows Hello Webcam
Long description	This Philips monitor with a secure pop-up webcam with Windows Hello offers personalised and greater security. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.
Category name	Monitors
Subcategory name	Office monitors
Footnotes	<ul style="list-style-type: none"> - "IPS" word mark / trademark and related patents on technologies belong to their respective owners. - The maximum resolution works for either HDMI input or DP input. - Response time value equal to SmartResponse - NTSC Area based on CIE 1976 - sRGB Area based on CIE1931 - Fast charging complies with USB BC 1.2 standard - EPEAT rating is valid only where Philips registers the product. Please visit https://www.epeat.net/ for registration status in your country. - The monitor may look different from feature images.
Product URL	http://www.philips.co.uk/c-p/275B1H_00/monitor-lcd-monitor-with-windows-hello-webcam

DISPLAY INFORMATION

LCD Panel type	IPS technology
Backlight type	W-LED system
Panel Size	27 inch/68.6 cm
Effective viewing area	596.736 (H) x 335.664 (V)
Display Screen coating	Anti-Glare, 3H, Haze 25%
Aspect Ratio	16:9
Response time (typical)	4 ms (Grey to Grey)*
Brightness	350 cd/m ²
Contrast ratio (typical)	1000:1
Pixel Pitch	0.2331 x 0.2331 mm
Viewing Angle	178° (H)/178° (V); @ C/R > 10
Display colours	16.7 M
Scanning Frequency	30–114 kHz (H)/48–75 Hz (V)
sRGB	Yes
Picture enhancement	SmartImage
Pixel Density	109 PPI
Flicker-free	Yes
LowBlue Mode	Yes
EasyRead	Yes
Adaptive Sync	Yes
Maximum Resolution	2560 x 1440 @ 75 Hz*
SmartContrast	50,000,000:1
Colour Gamut (typical)	NTSC 104%*, sRGB 107%*

CONNECTIVITY INFORMATION

Signal input	DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4 x 1
Sync input	Separate Sync
Audio (In/Out)	Audio out
USB	USB-B x 1 (upstream), USB 3.2 x 3 (downstream with 1 fast charge B.C 1.2)
HDCP	HDCP 1.4 (DVI/DP/HDMI)

OTHER INFORMATION

Built-in Speakers	3 W x 2
User convenience	SmartImage; Input; PowerSensor; Menu; Power On/Off

OSD languages	Brazil Portuguese; Czech; Dutch; English; French; Finnish; German; Greek; Hungarian; Italian; Japanese; Korean; Portuguese; Polish; Russian; Simplified Chinese; Spanish; Swedish; Traditional Chinese; Turkish; Ukrainian
Other convenience	Kensington lock; VESA mount (100 x 100 mm)
Plug and Play Compatibility	DDC/CI; Mac OS X; sRGB; Windows 10/8.1/8/7
Control software	SmartControl
Built-in webcam	Pop-up 2.0 megapixel FHD camera with microphone and LED indicator (for Windows 10 Hello)

STAND

Height adjustment	150 mm
Tilt	-5~30 degree
Pivot	-/+ 90 degree
Swivel	-/+ 180 degree

POWER CONSUMPTION

On mode	18 W (typ.) (EnergyStar test method)
Standby mode	< 0.4 W (typ.)
Off mode	Zero watts with Zero switch
Power LED indicator	Operation - White; Standby mode - White (flashing)
Power supply	Built-in; 100–240 VAC, 50–60 Hz
ECO Mode	17.5 W (typ.)
Energy label class	F

PRODUCT DIMENSIONS

Product with stand (max height)	613 x 537 x 205 mm
Product without stand (mm)	613 x 366 x 51 mm
Packaging in mm (W x H x D)	700 x 456 x 215 mm

WEIGHT

Product with stand (kg)	6.42 kg
Product without stand (kg)	4.77 kg
Product with packaging (kg)	9.70 kg

OPERATING CONDITION

Temperature range (operation)	0°C to 40 °C
Temperature range (storage)	-20°C to 60 °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF (demonstrated)	70,000 hrs (excluded backlight)

SUSTAINABILITY

Environmental and energy	PowerSensor; LightSensor; Energy Star 8.0; EPEAT*; TCO Certified Edge; RoHS
Recyclable packaging material	100 %
Specific Substances	Mercury free; PVC/BFR free housing
Post-consumer recycled plastic	85%

CABINET INFORMATION

Front bezel	Black
Finish	Texture
Rear cover	Black
Foot	Black

KEY SELLING POINTS

Product line	B Line
Screen diagonal	27" (68.6 cm)
Resolution	2560 x 1440 (QHD)

PRODUCT CONFIGURATOR

Adds on	Height adjustable, Certifications, Advanced height adjustable, Powersensor, Lightsensor, Built-in speaker, Webcam
Connections	DVI, HDMI, DisplayPort, USB fast charge port (B.C 1.2)
Picture quality	IPS Panel
Size & Ratio	Standard
Must haves	Sync tech, Ergonomic comfort, Video conferencing, Newest technologies, Clean desk, Eye protection, Sustainability
Touch	No
Essentials	Smart Stand/also able to mount mini Pc, Anti-glare coating, Speakers, High brightness (300nits or above), Certifications

Resolution	2560x1440(QHD)
Gaming or Home/Office	Home/Office
Personal or Business	Business, Personal
Configurator fields complete	Yes
Ranking	10520

FILTERS

Response time	4 ms
Refresh rate	75 Hz
Display type	IPS technology
Sync technologies	Adaptive Sync
Screen size	27
Features	Height-adjustable, Speakers, Webcam
Design	Flat
Connectivity	DisplayPort, HDMI, DVI

COMPLIANCE AND STANDARDS

Regulatory Approvals	EPA; CB; TUV/GS; TUV Ergo; CU-EAC; CE Mark; FCC Class B; ICES-003; UKRAINIAN; TUV Eye Comfort certified
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WHAT'S IN THE BOX

Monitor with stand	Yes
Cables	HDMI cable, DP cable, USB-A to B cable, Power cable
User documentation	Yes