



LCD monitor with Windows Hello Webcam

- 5000 series
- 24 (23.8" / 60.5 cm diag.)
- 1920 x 1080 (Full HD)

24E1N5300HE/89

Collaboration simplified

with built-in webcam

This Philips monitor is designed for the remote work environment. The integrated 5MP webcam delivers sharp images, and noise cancelling mic helps people hear you loud and clear. Windows Hello Webcam for quick access and strong security.

Benefits

Superb Picture Quality

- IPS LED wide view technology for image and color accuracy
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- 16:9 Full HD display for crisp detailed images

Features designed for you

- Connect your notebook with one USB-C cable
- Webcam with noise cancelling microphone for collaboration

- Built-in stereo speakers for multimedia
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Tilt, pivot and height-adjust for an ideal viewing position
- EasySelect menu toggle key for quick on-screen menu access
- Cable management reduces cable clutter for neat workspace

PHILIPS

Monitor

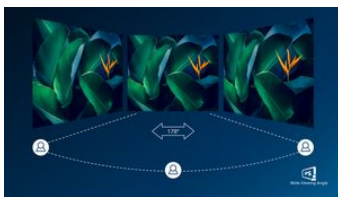
Features

USB-C connection



This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your compatible device at the same time.

IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.

Webcam & noise cancelling mic



This Philips monitor comes with built-in 5MP webcam, noise cancelling microphone, and speakers. Making it perfect for working from home and collaborating remotely. The webcam is certified for Windows Hello. Equipped with advanced sensors for Windows Hello™ facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds. The physical camera switch offers extra privacy when not in use. The noise-cancelling microphone and dual 5-watt integrated speakers deliver clear communications.

Built-in stereo speakers



A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

LowBlue Mode & Flicker-free



Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

Compact Ergo Base



The Compact Ergo Base is a people-friendly Philips monitor base that tilts, pivot and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

EasySelect Menu Toggle Key



The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

Cable management



Cable management is an intimate design that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

Monitor

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD

for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

Specifications

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Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	23.8 inch / 60.5 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	527.04 (H) x 296.46 (V)
Aspect ratio	16:9
Maximum resolution	1920 x 1080 @ 75 Hz*
Pixel Density	92.56 PPI
Response time (typical)	4 ms (Gray to Gray)*
MPRT	1 ms
Brightness	300 cd/m ²
Contrast ratio (typical)	1000:1
SmartContrast	Mega Infinity DCR
Pixel pitch	0.2745 x 0.2745 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage game
Color gamut (typical)	NTSC 104.8%*, sRGB 120.9%*
Display colors	16.7 M
Scanning Frequency	30 - 85 kHz (H) / 48 - 75 Hz (V)
LowBlue Mode	Yes
EasyRead	Yes
sRGB	Yes
AMD FreeSync™ technology	Yes

	Dutch
	English
	Finnish
	French
	German
	Greek
	Hungarian
	Italian
	Japanese
	Korean
	Polish
	Portuguese
	Russian
	Simplified Chinese
	Spanish
	Swedish
	Traditional Chinese
	Turkish
	Ukrainian
Other convenience	Kensington lock
	VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 10 / 8.1 / 8 / 7

Stand

Height adjustment	130 mm
Pivot	-/+ 90 degree
Tilt	-5/20 degree

Power

On mode	24.2 W (typ.)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	External
	100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	540 x 494 x 198 mm
Product without stand (mm)	540 x 336 x 43 mm
Packaging in mm (WxHxD)	600 x 526 x 143 mm

Weight

Product with stand (kg)	4.37 kg
Product without stand (kg)	2.71 kg
Product with packaging (kg)	7.65 kg

Operating conditions

Temperature range (operation)	0 to 40 °C
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Connectivity

Signal Input	HDMI 1.4 x 1, DisplayPort 1.2 x 1, USB-C 3.2 Gen 1 x 1 (upstream, Power Delivery up to 65W)
USB:	USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
Sync Input	Separate Sync
Audio (In/Out)	Audio out

USB

USB-C	Reversible plug connector
Super speed	Data and Video transfer
DP	Built-in Display Port Alt mode
Power delivery	USB PD version 3.0
USB-C max. power delivery	Up to 65W (5V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A)

Convenience

Built-in Speakers	5 W x 2
Built-in webcam	5.0 megapixel camera with microphone and LED indicator (for Windows Hello)
Noise cancellation	Yes
User convenience	Power On/Off
	Menu
	Volume
	Input
	SmartImage Game
OSD Languages	Brazil Portuguese
	Czech

Monitor

Temperature range (storage)	-20 to 60 °C	Compliance and standards	
Relative humidity	20%-80 %	Regulatory Approvals	CB
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)		CE Mark
MTBF	50,000 hrs (excluding backlight) hour(s)		CU-EAC
Sustainability			EAEU RoHS
Environmental and energy	RoHS	Cabinet	FCC Class B
Recyclable packaging material	100 %	Color	ICES-003
Specific Substances	Mercury free PVC / BFR free housing	Finish	TUV/ISO9241-307
			TUV-BAUART

* "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.

* For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display.

* Response time value equal to SmartResponse

* MPRT is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.

* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

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* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode

* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.

* The monitor may look different from feature images.

