



4K Ultra HD LCD monitor

- E Line
- 28" (71.1 cm)
- 3840 x 2160 (4K UHD)

288E2UAE/89

Experience true color, unconstrained visuals

This Philips 4K UHD monitor features stunning, ultra-clear visuals and stylish design for your workspace. Equipped with USB 3.2 for SuperSpeed data transfer and fast charging, and MultiView meets the need for usability and productivity.

Benefits

Superb Picture Quality

- UltraClear 4K UHD (3840x2160) resolution for precision
- Ultra Wide-Color wider range of colors for a vivid picture
- 1.07 billion colors for stunning color and finest gradations
- IPS LED wide view technology for image and color accuracy
- SmartContrast for rich black details

Good for Gaming

- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimized for gamers

Features designed for you

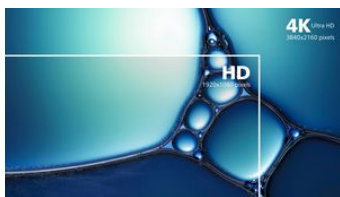
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- MultiView enables simultaneous dual connection and view
- Cable management reduces cable clutter for neat workspace
- EasySelect menu toggle key for quick on-screen menu access
- Built-in stereo speakers for multimedia

PHILIPS

Monitor

Features

UltraClear 4K UHD Resolution



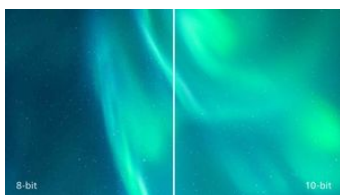
These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

1.07 billion colors



This display delivers outstanding color depth with 1.07 billion colors, and the finest gradation, for re-creating smooth, precise, and vivid image. Enjoy accurate and true-to-life visuals whether gaming, watching videos, or working on color critical work with graphics applications.

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.

SmartImage Game mode



The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with

image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

Flicker-free technology



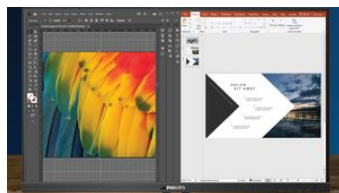
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

MultiView technology



With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

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

EasySelect Menu Toggle Key



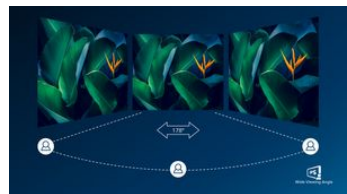
The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

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.

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.

Specifications

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Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	28 inch / 71.1 cm
Display Screen	Anti-Glare, 3H, Haze 25%
Coating	
Effective viewing area	620.93 (H) x 341.28 (V)
Aspect ratio	16:9
Maximum resolution	3840 x 2160 @ 60 Hz
Pixel Density	157 PPI
Response time (typical)	4 ms (Grey to Grey)*
Brightness	300 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	Mega Infinity DCR
Pixel pitch	0.16 x 0.16 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Picture enhancement	SmartImage game
Color gamut (typical)	NTSC 106.9%*, sRGB 119.7%*
Display colors	Color support 1.07 billion colors
Scanning Frequency	30 - 140 kHz (H) / 40 - 60 Hz (V)
SmartUniformity	93 ~ 105%
Delta E	< 2 (sRGB)
Flicker-free	Yes
LowBlue Mode	Yes
EasyRead	Yes
sRGB	Yes

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

AMD FreeSync™ technology	Yes
Connectivity	
Signal Input	DisplayPort x 1 HDMI (digital, HDCP)
USB:	USB 3.2 x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
Sync Input	Separate Sync
Audio (In/Out)	Audio out
Convenience	
Built-in Speakers	3 W x 2
MultiView	PIP/PBP mode 2x devices
User convenience	Power On/Off Menu Volume Input SmartImage Game
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German

Monitor

Other convenience	Greek	Weight	Product with stand (kg)	6.09 kg
	Hungarian		Product without stand (kg)	4.27 kg
	Italian		Product with pack-aging (kg)	8.75 kg
	Japanese		Operating conditions	
	Korean		Temperature range (operation)	0 to 40 °C
	Polish		Temperature range (storage)	-20 to 60 °C
	Portuguese		Relative humidity	20%-80 %
	Russian		Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
	Simplified Chinese		MTBF	50,000 hrs (excluding backlight) hour(s)
	Spanish		Sustainability	
Swedish	Environmental and energy	EnergyStar 8.0		
Traditional Chinese	Recyclable packaging material	TCO Certified		
Turkish	Specific Substances	RoHS		
Ukrainian		100 %		
Kensington lock		Mercury free		
VESA mount (100x100mm)		PVC / BFR free housing		
DDC/CI	Compliance and standards			
Mac OS X	Regulatory Approvals	UKRAINIAN		
sRGB		cETLus		
Windows 10 / 8.1 / 8 / 7		CB		
		TUV/GS		
		TUV Ergo		
		CU-EAC		
		EAEU RoHS		
		CE Mark		
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* "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 CIE1976

* sRGB Area based on CIE1931

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* The monitor may look different from feature images.



data subject to change
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