ComX Computers
Product Specification Sheet

326P1H

Philips Professional 32" Anti-glare Monitor

Product Overview

Philips Professional Anti-glare 32" monitor IPS Response: 4ms 2560x1440 178deg (H) / 178deg (V) Signal: 75Hz DisplayPort 1.4 x 1, HDMI 2.0 x 2, USB-C 3.2 Gen 2 x 1 (upstream, power delivery up to 90 W), RJ45 Ethernet LAN (10M,100M,1G) Speaker: 2 x 5W Built in



Specifications

Overview:

The Philips USB-C docking display for a comprehensive solution. View QHD and re-charge a laptop up to 90 W, all at the same time with a single USB-C cable. Pop-up webcam with Windows Hello and daisy-chaining deliver performance and convenience.

Features:

USB-C enables laptop power charging directly from a monitor
This Philips display features a built-in USB type-C docking station with power delivery. With intelligent and flexible power management, you can power charge your compatible* laptop directly. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. You can watch high-resolution video and transfer data at super-speed, while powering up and re-charging your notebook at the same time.

Crystal clear images with Quad HD 2560 x 1440 pixels
These Philips screens deliver Crystal Clear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high-performance panels with high-density pixel count, enabled by high-bandwidth sources like Displayport, HDMI and Dual link DVI, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions, a user of 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystal Clear images.

IPS technology for full colours and wide viewing angles
IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle - even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

Securely sign in with pop-up webcam with Windows Hello™
Philips' innovative and secure webcam pops up when you need it and securely tucks back into the monitor when you are not using it. The webcam is also equipped with advanced sensors for Windows Hello™ facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds, 3 times faster than a password.

Less eye fatigue with 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 for easy-on-the-eyes productivity
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, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

TUV Eye Comfort certified to reduce eye fatigue
Philips displays meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure flicker-free, low-blue mode, no disturbing reflections, a wide viewing angle, less reduction of image quality from different angles and ergonomic stand designs for an ideal viewing experience. Keep your eyes healthy and boost work productivity.

PowerSensor saves up to 80% energy costs
PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

LightSensor for the perfect brightness with minimal power
LightSensor uses a smart sensor to adjust the picture brightness depending on the light conditions in the room for the perfect picture with minimal power usage.

DisplayPort-out for connecting additional displays
With DisplayPort-out you can connect multiple high-resolution displays with just one cable from your first display to the PC. The ability to daisy chain multiple displays enables you to maintain a clean desktop without the hassle of too many wires.

Specifications:

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Specifications	
Product Code	326P1H
Picture/Display	
LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	31.5 inch/80 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	698.112 (H) x 392.688 (V)
Aspect ratio	16::9

Maximum resolution	2560 x 1440 @ 75 Hz
Pixel Density	93 PPI
Response time (typical)	4 ms (Grey to Grey)
Brightness	350 cd/m²
Contrast ratio (typical)	1000::1
SmartContrast	50, 000, 000:1
Pixel pitch	0.2727 x 0.2727 mm
Viewing angle	178º (H)/178º (V)
	@ C/R > 10
Picture enhancement	SmartImage
Display colours	Colour support 1.07 billion colours
Colour gamut (typical)	NTSC 106%*, sRGB 118%*, Adobe RGB 87%
Scanning Frequency	30-114 kHz (H)/48-75 Hz (V)
SmartUniformity	93 ~ 105%
Delta E	< 2 (sRGB)
sRGB	Yes
Flicker-free	Yes
LowBlue Mode	Yes
EasyRead	Yes
Adaptive sync	Yes
Connectivity	
Signal Input	DisplayPort 1.4 x 1, HDMI 1.4 x 2, USB-C 3.2 Gen 1 x 1 (upstream, power delivery up to 90 W)
HDCP	HDCP 2.2 (HDMI/DP/USB-C)
HBR3	for USB-C
Signal Output	DisplayPort out x 1
USB	USB-C x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
Audio (In/Out)	Audio out
RJ45	Ethernet LAN up to 1 G*, Wake on LAN
Sync Input	Separate Sync
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 90 W (5 V/3 A, 7 V/3 A, 9 V/3 A, 10 V/3 A, 12 V/3 A, 15 V/3 A, 20 V/4.5 A)
Convenience	
Built-in Speakers	5 W x 2

Built-in webcam	2.0 megapixel FHD camera with microphone and LED indicator (for Windows 10 Hello)
User convenience	SmartImage
	Input
	User
	Menu
	Power On/Off
Control software	SmartControl
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
Stand	
Height adjustment	180 mm
Pivot	-/ 90 degree

Swivel	-/ 180 degree
Tilt	-5~25 degree
Power	
ECO mode	24 W (typ.)
On mode	25.3 W (typ.) (EnergyStar test method)
Standby mode	0.3 W
Off mode	Zero watts with Zero switch
Energy Label Class	G
Power LED indicator	Operation - White
	Standby mode - White (flashing)
Power supply	Built-in
	100-240 VAC, 50-60 Hz
Dimensions	
Product with stand (max height)	714 x 649 x 280 mm
Product without stand (mm)	714 x 422 x 62 mm
Packaging in mm (W x H x D)	930 x 563 x 186 mm
Weight	
Product with stand (kg)	12.22 kg
Product without stand (kg)	8.21 kg
Product with packaging (kg)	15.53 kg
Operating conditions	
Temperature range (operation)	0 degreesC to 40 degreesC degreesC
Temperature range (storage)	-20 degreesC to 60 degreesC degreesC
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
	EnergyStar 8.0
	EPEAT
	TCO Certified Edge
	RoHS
Recyclable packaging material	100 %
Post-consumer recycled plastic	0.85
Specific Substances	Mercury free
	PVC/BFR free housing

Compliance and standards	
Regulatory Approvals	EPA
	CB
	TUV/GS
	TUV Ergo
	SEMKO
	CU-EAC
	EAEU RoHS
	CCC
	CEL
	CECP
	CE Mark
	FCC Class B
	ICES-003
	TUV Eye Comfort certified
Cabinet	
Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture
What's in the box?	
Monitor with stand	Yes
Cables	HDMI cable, DP cable, USB-C to C/A Y cable, Power cable
User Documentation	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/326P1H-Philips-Professional-32-Anti-glare-Monitor-p-259404.php

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