ComX Computers
Product Specification Sheet

346B1C

Philips 346B1C 34" Curved Monitor

Product Overview

Philips Monitor 34", Curved VA Panel, 3440x1440 @ 100Hz, DP, HDMI, Type C, KVM, Adaptive- Sync Technology, LowBlue Mode, HAS



Specifications

Overview:

The Philips B line 34" curved UltraWide display gives wrap-around view of your work. All-in-one USB-C and ergonomic stand design make for optimal working conditions. Eye comfort features with TUV certified to reduce eye fatigue.

Features:

CrystalClear images with UltraWide QHD 3440 x 1440 pixels
These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays delivers CrystalClear images.

Built-in KVM switch to easily switch between sources
With MultiClient Integrated KVM switch, you can control two separate PCs with one monitor-keyboard-mouse set up. A convenient button allows you to quickly switch between sources. Handy with set-ups that require dual PC computing power or sharing one large monitor to show two different PCs.

Built in USB-C docking station
This Philips display features a built-in USB type-C docking station with power delivery. 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. Simply connect your notebook and this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data, while powering up and re-charging your notebook at the same time.

Effortlessly smooth action with Adaptive-Sync technology
Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

TUV Eye Comfort certified to reduce eye fatigue
Philips display 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, wide viewing angle and less reduction of image quality from different angles and ergonomic stand designs for ideal viewing experience. Keep your eyes healthy and boost work productivity.

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, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

PowerSensor saves up to 70% energy costs
PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 70 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 room light conditions for the perfect picture with minimal power usage.

VA display delivers awesome images with wide viewing angles
Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

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

MultiView enables simultaneous dual connect and view
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.

Specifications:

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Specifications	
Product Code	346B1C
Picture/Display	
LCD panel type	VA LCD
Adaptive sync	Yes

Backlight type	W-LED system
Panel Size	34 inch / 86.36 cm
Display Screen Coating	Anti-Glare, 2H, Haze 25%
Effective viewing area	797.2 (H) x 333.7 (V) - at a 1500 R curvature
Aspect ratio	21::9
Maximum resolution	3440 x 1440 @ 100 Hz
Pixel Density	110 PPI
Response time (typical)	4 ms (Gray to Gray)
Brightness	300 cd/m²
Contrast ratio (typical)	3, 000::1
SmartContrast	80,000,000 :1
Pixel pitch	0.23175 x 0.23175 mm
Viewing angle	178º (H) / 178º (V)
	@ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage
Display colors	16.7 M
Color gamut (typical)	NTSC 100%*, sRGB 119%*, Adobe RGB 90%
Scanning Frequency	30 - 160 kHz (H) / 48 - 100 Hz (V)
SmartUniformity	93 ~ 105%
Delta E	< 2 (sRGB)
sRGB	Yes
LowBlue Mode	Yes
EasyRead	Yes
Connectivity	
Signal Input	DisplayPort 1.2 x 1, HDMI 2.0 x 1, USB-C 3.2 Gen 1 x 1 (upstream, power delivery up to 90 W)
HDCP	HDCP 1.4 (DP / USB-C), HDCP 2.2 (HDMI)
USB	USB-C x 1, USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
Audio (In/Out)	Headphone out
RJ45	Ethernet LAN up to 1G*, 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 90W (5V/3A; 7V/3A; 9V/3A; 10V/3A;12V/3A; 15V/3A; 20V/4.5A)

Convenience	
Built-in Speakers	5 W x 2
MultiView	PIP/PBP mode
	2x devices
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
	Ukranian
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	180 mm
Swivel	-180/180 degree
Tilt	-5/30 degree
Power	
ECO mode	34 W (typ.)
On mode	28.36 W (typ.) (EnergyStar test method)
Standby mode	0.3 W (typ.)
Off mode	Zero watts with Zero switch
Energy Label Class	G
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	Built-in
	100-240VAC, 50-60Hz
Dimensions	
Product with stand(max height)	807 x 601 x 250 mm
Product without stand (mm)	807 x 367 x 110 mm
Packaging in mm (WxHxD)	930 x 525 x 282 mm
Weight	
Product with stand (kg)	11.49 kg
Product without stand (kg)	7.79 kg
Product with packaging (kg)	15.32 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, 000ft (3, 658m), Non-operation: +40, 000ft (12, 192m)
MTBF (demonstrated)	70,000 hrs (excluded backlight)
Sustainability	
Environmental and energy	PowerSensor
	LightSensor
	EnergyStar 8.0
	TCO Certified
	RoHS
Recyclable packaging material	100 %
Specific Substances	Mercury free
	PVC / BFR free housing

Compliance and standards	
Regulatory Approvals	CB
	EPA
	cETLus
	FCC Class B
	ICES-003
	CE Mark
	TUV/GS
	TUV Ergo
	SEMKO
	CU-EAC
	UKRAINIAN
	TUV Eye Comfort certified
Cabinet	
Foot	Black
Rear cover	Black
Front bezel	Black
Finish	Texture
What's in the box?	
Monitor with stand	Yes
Cables	HDMI cable, DP cable, USB-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/346B1C-Philips-346B1C-34-Curved-Monitor-p-269607.php

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