PHILIPS

Philips 5000 series 34B2U5900C/00 computer monitor 86.4 cm (34") 5120 x 2160 pixels WUHD LCD Grey



Brand : Philips **Product family:** 5000 series **Product code:** 34B2U5900C/00

Product name :
34B2U5900C/00

Curved Business monitor 34B2U5900C DUAL Mode monitor with USB-C

Philips 5000 series 34B2U5900C/00 computer monitor 86.4 cm (34") 5120 x 2160 pixels WUHD LCD Grey:



Whatever your day demands, this 34" VA dual resolution monitor adapts effortlessly. Its Dual Mode lets you switch between WUHD 5120x2160@120Hz for sharp detail, and WFHD 2560*1080@240Hz for fast, responsive performance.
Philips 5000 series 34B2U5900C/00. Display diagonal: 86.4 cm (34"), Display resolution: 5120 x 2160 pixels, HD type: WUHD, Display technology: LCD, Response time: 2 ms, Native aspect ratio: 21:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Grey



Display	
Display diagonal *	86.4 cm (34")
Display resolution *	5120 x 2160 pixels
HD type *	WUHD
Native aspect ratio *	21:9
Display technology *	LCD
Panel type *	VA
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (peak)	450 cd/m²
Display brightness (typical)	350 cd/m²
Response time *	2 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	✔
Screen shape *	Curved
Screen curvature rating	1500R
Contrast ratio (typical) *	3000:1
Contrast ratio (dynamic)	80000000:1
Maximum refresh rate *	120 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.15534 x 0.15405 mm
Pixel density	164 ppi
Horizontal scan range	30 - 270 kHz
Vertical scan range	48 - 120 Hz
Viewable size, horizontal	79.5 cm
Viewable size, vertical	33.3 cm
Display diagonal (metric)	86.21 cm

Ports & interfaces	
HDCP version	2.3
Network	
Ethernet LAN	✔
Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	18 cm
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 30°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Power	
Energy efficiency class (SDR) *	E
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	25 kWh

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Display	
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, NTSC, DCI-P3, Adobe RGB
sRGB coverage (typical)	122%
NTSC coverage (typical)	111%
Adobe RGB coverage	83%
DCI-P3 coverage	95%
Display sRGB	✔
Display panel size	34inch/86.21cm

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
VESA Adaptive Sync support	✔
Component video sync	Separate Sync, Sync-on-green (SOG)
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia	
Number of speakers	2
RMS rated power	10 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design	
Market positioning *	Office
Product colour *	Grey
Feet colour	Silver

Ports & interfaces	
Built-in USB hub *	✔
USB hub version	3.2 Gen 2 (3.1 Gen 2)
Number of USB Type-C upstream ports quantity	2
USB Type-A downstream ports quantity	3
USB Type-C downstream ports quantity	2
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	140 W
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	✔
Built-in KVM switch	✔
HDCP	✔

Power	
Energy consumption (HDR) per 1000 hours *	62 kWh
Power consumption (typical) *	37.35 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0 W
Power consumption (PowerSave)	25 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Weight & dimensions	
Width (with stand)	807 mm
Depth (with stand)	281 mm
Height (with stand)	575 mm
Weight (with stand)	10.7 kg
Width (without stand)	807 mm
Depth (without stand)	112 mm
Height (without stand)	369 mm
Weight (without stand)	7.89 kg

Packaging data	
Package width	980 mm
Package depth	188 mm
Package height	525 mm
Package weight	15.8 kg

Packaging content	
Stand included	✔
Cables included	DisplayPort, HDMI, Power, USB Type-A to USB Type-C, USB Type-C, USB Type-C to USB Type-C
Manual	✔
Bundled software	SmartControl, SmartManagement

Sustainability	
Doesn't contain	Mercury, PVC/BFR

Other features	
HBR3 support	✔
Compatible operating systems	DDC/CI, Mac OS, sRGB, Windows 11 / 10
Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Monitor sync input signal	Separate Sync, Sync on Green
User controls	SmartImage, Input, User, Menu, Power On/Off
Picture enhancement	SmartImage
MultiView	2x devices, PIP/PBP mode
Regulatory Approvals	CB, CE Mark, TUV/GS, TUV Ergo, TCO Certified, TCO Certified Edge, EAC, EAC ROHS, KC, CEL, CCC, CECP, KCC, UKCA, EMF, FCC, ICES-003, TÜV Rheinland Low Blue Light (Hardware Solution), eyesafe® CERTIFIED 2.0
Delta E	1
SoftBlue	✔

Other features	
EasyRead mode	✔
Philips SmartUniformity	93 - 105%

Recycling data	
Packaging recyclability rate	100%
Product post-consumer recycled plastic	85%

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