PHILIPS

Philips P Line LCD monitor with USB-C Dock 328P6AUBREB/00

Brand : Philips

Product family: P Line

Product code:
328P6AUBREB/00

Product name : LCD monitor
with USB-C Dock
328P6AUBREB/00

- P Line
- 32 (viewable 31.5"/80 cm)
- Quad HD (2560 x 1440)
Brilliance 328P6AUBREB LCD monitor with USB-C docking

Philips P Line LCD monitor with USB-C Dock 328P6AUBREB/00:

This Philips Brilliance monitor with USB-C docking replaces cable clutter. View QHD images, secure connect to intranet and re-charge your notebook all at the same time with a single USB-C cable. Philips P Line LCD monitor with USB-C Dock 328P6AUBREB/00. Display diagonal: 80 cm (31.5"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED. Display: LCD. Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display			Ergonomics	
Display diagonal *	80 cm (31.5")		Pivot angle	90 - 90°
Display resolution *	2560 x 1440 pixels		Swivel angle range	-170 - 170°
HD type *	Quad HD		Tilt adjustment	✔
Native aspect ratio *	16:9		Tilt angle range	-5 - 20°
Display technology *	LED		On Screen Display (OSD)	✔
Panel type *	IPS		On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Backlight type	W-LED			
Touchscreen *	✖			
Display brightness (typical)	450 cd/m²			
Response time	4 ms			
Anti-glare screen	✔		Plug and Play	✔
Screen shape *	Flat		LED indicators	Operation, Stand-by
Supported graphics resolutions	2560 x 1440		**Power**	
Aspect ratio	16:9		Energy efficiency class (SDR) *	E
Contrast ratio (typical) *	1200:1		Energy efficiency class (HDR) *	G
Contrast ratio (dynamic)	50000000:1		Energy consumption (SDR) per 1000 hours *	26 kWh
Dynamic contrast ratio marketing name	SmartContrast		Energy consumption (HDR) per 1000 hours *	55 kWh
Maximum refresh rate *	60 Hz		Power consumption (typical) *	23.72 W
Viewing angle, horizontal	178°		Power consumption (standby) *	0.5 W
Viewing angle, vertical	178°		Power consumption (max)	32.4 W
Display number of colours *	1.07 billion colours		Power consumption (PowerSave)	31.9 W
Pixel pitch	0.2727 x 0.2727 mm		AC input voltage	100 - 240 V
Pixel density	93 ppi		AC input frequency	50 - 60 Hz
Horizontal scan range	30 - 83 kHz		Power supply type	Internal
Vertical scan range	56 - 76 Hz		Energy efficiency scale	A to G
Viewable size, horizontal	69.8 cm		**Operational conditions**	
Viewable size, vertical	39.3 cm		Operating temperature (T-T)	0 - 40 °C
Display diagonal (metric)	80.1 cm		Storage temperature (T-T)	-20 - 60 °C
High Dynamic Range (HDR) technology	DisplayHDR 400		Operating relative humidity (H-H)	20 - 80%
DDC/CI	✔			

Display

Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB
Adobe RGB coverage	99%
3D	✘
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	✔
Low Blue Light technology	✔
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1
Mac operating systems supported	Mac OS X 10.0 Cheetah, Mac OS X 10.1 Puma, Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.2 Jaguar, Mac OS X 10.3 Panther, Mac OS X 10.4 Tiger, Mac OS X 10.5 Leopard, Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks

Multimedia

Built-in speaker(s) *	✔
Built-in camera *	✘
Number of speakers	2
RMS rated power	6 W

Design

Market positioning *	Home
Product colour *	Black
Front bezel colour	Black
Feet colour	Black
Heavy metals free	Hg (mercury)
Certification	CE Mark, FCC Class B, VCCI, RCM, BSMI, ICES-003, J-MOSS, cETLus, EPA, PSB, CU-EAC, SEMKO, SASO, KUCAS, UKRAINIAN, PSE, CECP, WEEE, TUV Ergo, TUV/GS, CB

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-C
Number of upstream ports	1
USB Type-A downstream ports quantity	2
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Power Delivery up to	60 W
VGA (D-Sub) ports quantity	1
DVI port	✘
HDMI ports quantity	1
DisplayPorts quantity	1
Headphone out *	✔
PC Audio in	✔

Network

Ethernet LAN	✔

Ergonomics

VESA mounting *	✔

Operational conditions

Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m
Relative humidity	20 - 80%

Packaging content

Stand included	✔
Cables included	VGA, DisplayPort, HDMI, USB Type-C to USB Type-C, USB Type-C to USB Type-A, AC, Audio (3.5mm)
Manual	✔
Bundled software	SmartControl

Weight & dimensions

Width (with stand)	742 mm
Depth (with stand)	270 mm
Height (with stand)	657 mm
Weight (with stand)	9.7 kg
Width (without stand)	742 mm
Depth (without stand)	63 mm
Height (without stand)	438 mm
Weight (without stand)	6.74 kg

Packaging data

Package width	970 mm
Package depth	224 mm
Package height	526 mm
Package weight	13.9 kg

Sustainability

Sustainability certificates	ENERGY STAR
Doesn't contain	PVC/BFR, Mercury
European Product Registry for Energy Labelling (EPREL) code	399163

Recycling data

Recyclable material	65%
Post-consumer recycled plastic	65%

Logistics data

Harmonized System (HS) code	85285210

Thin Client

Thin client installed	✘

Technical details

Compliance certificates	RoHS

Other features

Display	LCD
On/off switch	✔
USB Power Delivery revision	2.0
Rotating	✔
TV tuner integrated	✘
Exterior finish type	Textured
Recommended resolution	2560 x 1440 @ 60Hz
Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	CE Mark; FCC Class B; VCCI; RCM; BSMI; ICES-003; J-MOSS; cETLus; EPA; PSB; CU-EAC; SASO; KUCAS; UKRAINIAN; PSE; CECP; WEEE; TUV Ergo; TUV/GS; CB
Delta E	2
No flickering	✔
EasyRead mode	✔
LowBlue mode	✔
User guide	✔

Ergonomics		**Other features**	
Panel mounting interface	100 x 100 mm	Philips SmartUniformity	96 - 103%
Cable lock slot *	✔	Mean time between failures (MTBF)	70000 h
Cable lock slot type	Kensington	Ethernet LAN data rates	10,100,1000 Mbit/s
Height adjustment *	✔	Ethernet LAN (RJ-45) ports	1
Height adjustment	18 cm		
Pivot	✔		

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