

## Philips 242B9T/00 computer monitor 60,5 cm (23.8") 1920 x 1080 Pixels Full HD LCD Tafelblad Zwart

**Merk :** Philips

**Artikelcode:** 242B9T/00

**Productnaam :** 242B9T/00

Monitor 242B9T LCD-monitor met SmoothTouch

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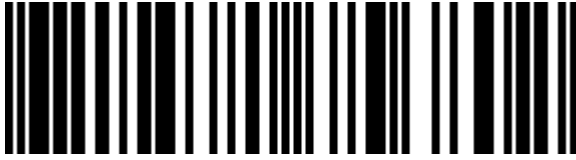
Een stevig touchscreen dat water- en stofbestendig is en overal kan worden gebruikt, met een standaard die u naar wens kunt aanpassen. Dankzij de apps is de bediening van het scherm eenvoudig en intuïtief, zodat u zeer productief kunt zijn.

Philips 242B9T/00. Beeldscherm diagonaal: 60,5 cm (23.8"), Resolutie: 1920 x 1080 Pixels, HD type: Full HD, Display technologie: LCD, Beeldoppervlakte: Glans, Responstijd: 5 ms, Oorspronkelijke beeldverhouding: 16:9, Kijkhoek, horizontaal: 178°, Kijkhoek, verticaal: 178°. Ingebouwde luidsprekers. Ingebouwde USB-hub, Versie USB-hub: 3.2 Gen 1 (3.1 Gen 1). VESA-montage, In hoogte verstelbaar. Kleur van het product: Zwart



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	Wall mountable	✓
Display resolution *	1920 x 1080 pixels	Cable lock slot *	✓
HD type *	Full HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LCD	Adjustable height (max)	18.4 cm
Panel type *	IPS	Pivot	✗
Backlight type	W-LED	Swivelling	✗
Touchscreen *	✗	Tilt adjustment	✓
Touchscreen type	Tabletop	Tilt angle range	-5 - 90°
Touchscreen technology	Capacitive	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
Touch technology	Multi-touch	Number of OSD languages	20
Number of simultaneous touchpoints	10	Plug and Play	✓
Display brightness (typical)	250 cd/m <sup>2</sup>	LED indicators	Power, Stand-by
Display brightness	250 cd/m <sup>2</sup>		
Response time *	5 ms	Power	
Display surface	Gloss	Energy efficiency class (SDR) *	E
Screen shape *	Flat	Energy consumption (SDR) per 1000 hours *	18 kWh
Aspect ratio	16:9	Power consumption (typical) *	16 W
Contrast ratio (typical) *	1000:1	Power consumption (standby) *	0.5 W
Contrast ratio (dynamic)	50000000:1	Power consumption (off)	0.3 W
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (PowerSave)	11.5 W
Maximum refresh rate *	60 Hz	AC input voltage	100-240
Viewing angle, horizontal	178°	AC input frequency	50-60 Hz
Viewing angle, vertical	178°	Power supply type	AC
Display number of colours *	16.78 million colours	Energy efficiency scale	A to G
Pixel pitch	0.275 x 0.275 mm	European Product Registry for Energy Labelling (EPREL) code	399649
Pixel density	93 ppi		
Horizontal scan range	30 - 85 kHz		
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		

<b>Display</b>		<b>Operational conditions</b>	
Digital horizontal frequency	30 - 85 kHz	Operating temperature (T-T)	0 - 40 °C
Digital vertical frequency	48 - 75 Hz	Storage temperature (T-T)	-20 - 60 °C
Sync-on-green (SOG)	✓	Operating relative humidity (H-H)	20 - 80%
Display diagonal (metric)	60.5 cm	Operating altitude	0 - 3658 m
DDC/CI	✓	Non-operating altitude	0 - 12192 m
Surface hardness	7H	<b>Weight &amp; dimensions</b>	
Colour gamut standard	sRGB	Width (with stand)	554 mm
Colour gamut	72%	Depth (with stand)	227 mm
NTSC coverage (typical)	72%	Height (with stand)	413 mm
3D	✗	Weight (with stand)	8.15 kg
Separate H/V sync	✓	Width (without stand)	554 mm
Display sRGB	✓	Depth (without stand)	50 mm
<b>Performance</b>		Height (without stand)	338 mm
NVIDIA G-SYNC *	✗	Weight (without stand)	4.86 kg
AMD FreeSync *	✗	<b>Packaging data</b>	
Component video sync	Separate sync, Sync-on-green (SOG)	Package width	620 mm
Flicker-free technology	✓	Package depth	168 mm
Low Blue Light technology	✓	Package height	433 mm
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Package weight	11.1 kg
OmniTapps Multitouch compatibility	✗	Package type	Box
<b>Multimedia</b>		<b>Packaging content</b>	
Number of speakers	2	Stand included	✓
RMS rated power	4 W	Cables included	VGA, HDMI, DisplayPort, USB Type-A to USB Type-B, Audio (3.5mm), AC
Built-in speaker(s) *	✓	Manual	✓
Built-in microphone	✗	Bundled software	SmartControl
Built-in camera *	✗	<b>Sustainability</b>	
<b>Design</b>		Sustainability certificates	ENERGY STAR
Market positioning *	Home	Doesn't contain	PVC/BFR, Mercury
Product colour *	Black	<b>Other features</b>	
Front bezel colour	Black	International Protection (IP) code	IP54
Feet colour	Black	Rotating	✗
<b>Ports &amp; interfaces</b>		TV tuner integrated	✗
Built-in USB hub *	✓	Exterior finish type	Textured
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package dimensions (WxDxH)	620 x 433 x 168 mm
USB Type-A downstream ports quantity	2	Display viewable area (HxV)	527 x 296.5 mm
VGA (D-Sub) ports quantity	1	Recyclable packaging material	100%
DVI port	✓	Mobile operating systems supported	Android 7.1, Android 7.0, Android 6.0, Android 5.0, Android 4.4
DVI-D ports quantity	1	Heavy metals free	Hg (mercury)
HDMI *	✓	Folding angle	70°
HDMI ports quantity	1.4	EasyRead mode	✓
HDMI version	1.4	Recommended resolution	1920 x 1080 @ 60 Hz
DisplayPorts quantity	1.2	Picture enhancement	SmartImage
DisplayPort version	1.2	Regulatory Approvals	CB; CE Mark; FCC Class B; SEMKO; UKRAINIAN; ICES-003; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; cETLus
Audio input	✓	Touch method	Stylus, Finger, Glove
Headphone out *	✓	LowBlue mode	✓
Headphone outputs	1	Energy efficiency class (old)	A
PC Audio in	✓	Compliance certificates	RoHS
HDCP	✓	Mean time between failures (MTBF)	70000 h
HDCP version	1.4	Certification	CE Mark, FCC Class B, SEMKO, EPA, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, CU-EAC
<b>Ergonomics</b>		<b>Logistics data</b>	
VESA mounting *	✓	Harmonized System (HS) code	85285210
Panel mounting interface	100 x 100 mm		



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