222B9TA

A sturdy, water and dust resistant touch screen monitor for flexible use anywhere, with articulating stand to fit angles you need. Offering simple and intuitive use across applications, greatly boosts up productivity.

GENERAL

Model Name	222B9TA
Brand	Philips Monitors/MMD
Description	Monitor 222B9TA LCD monitor with SmoothTouch
Long description	A sturdy, water and dust resistant touch screen monitor for flexible use anywhere, with articulating stand to fit angles you need. Offering simple and intuitive use across applications, greatly boosts up productivity.
Category name	Monitors
Subcategory name	Office monitors, Others, Touch monitors
Footnotes	- Response time value equal to SmartResponse - Glove material and thickness: Nitrile (0.15 mm), Cotton (0.31 mm), CPE (0.03 mm), PVC (0.12 mm) - Please refer to "SmoothTouch" in user manual for more details of operating systems support in touch function. - Fast charging complies with USB BC 1.2 standard - EPEAT rating is valid only where Philips registers the product. Please visit https://www.epeat.net/ for registration status in your country. - NTSC Area based on CIE1931 - The products and accessories listed on this leaflet may differ by country and region. - The monitor may look different from feature images.

DISPLAY INFORMATION

LCD Panel type	VA LCD
Backlight type	W-LED system
Panel Size	21.5 inch / 54.6 cm
Effective viewing area	476.64 (H) x 268.11 (V)
Aspect Ratio	16:9
Optimum resolution	1920 x 1080 @ 60Hz
Response time (typical)	2 ms (Gray to Gray)*
Brightness	250 cd/m²
Contrast ratio (typical)	3000:1
Pixel Pitch	0.24825x0.248285mm
Viewing Angle	178º (H) / 178º (V); @ C/R > 10
Display colours	16.7 M
Scanning Frequency	30 -85 kHz (H) / 48 -56 Hz (V)
sRGB	Yes
Picture enhancement	SmartImage
Pixel Density	102 PPI
Flicker-free	Yes
LowBlue Mode	Yes
EasyRead	Yes

TOUCH	
Touch technology	Projected capacitive
Touch points	10 point
Touch method	Stylus, Finger, Glove*
Touch interface	USB
Touch glass hardness	7 H
Touch active area	476.64 mm (H) x 268.11 mm (V)
Operating system	Windows 11/10/8.1/8.0/7 ; Android 7.1/7.0/6.0/5.0/4.4
Palm rejection area	>= 30 x 30 mm
Ingress protection	IP65 - front only
Sealability	Touchscreen sealed to bezel; Touchscreen sealed to LCD
Touch glass coating	Glare

CONNECTIVITY INFORMATION	
Signal input	VGA (Analog); DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4

Sync input	Separate Sync; Sync on Green
Audio (In/Out)	PC audio-in; Headphone out
HDCP	HDCP: HDCP 1.4 (HDMI / DP / DVI)

OTHER INFORMATION

Built-in Speakers	2 W x 2
User convenience	SmartImage; Input; Brightness; Menu; Power On/Off; SmartControl
OSD languages	Brazil Portuguese; Czech; Dutch; English; Finnish; French; German; Greek; Hungarian; Italian; Japanese; Korean; Polish; Portuguese; Russian; Simplified Chinese; Spanish; Swedish; Traditional Chinese; Turkish; Ukrainian
Other convenience	Kensington lock; VESA mount (100x100mm)
Plug and Play Compatibility	DDC/CI; sRGB; Windows 11 / 10 / 8.1 / 8 / 7; Android 7.1/7.0/6.0/5.0/4.4
Control software	SmartControl

STAND

Height adjustment	184 (Horizontal), 76 (Vertical) mm
Tilt	-5 ~ 90 degree
Folding angle	0 ~ 70 degree

POWER CONSUMPTION

On mode	15.96 W (typ.) (EnergyStar test method)
Standy mode	0.3 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White; Standby mode- White (blinking)
Power supply	External; 100-240VAC, 50-60Hz
ECO Mode	13.2 W (typ.)

PRODUCT DIMENSIONS

Product with stand (max height)	515 x 394 x 226 mm
Product with stand (mm)	515 x 394 x 226 mm
Product without stand (mm)	515 x 318 x 50 mm
Packaging in mm (W x H x D)	575 x 420 x 161 mm

WEIGHT

Product with stand (kg)	7.24 kg

Product without stand (kg)	3.95 kg
Product with packaging (kg)	9.88 kg

OPERATING CONDITION

Temperature range (operation)	0°C to 40°C
Temperature range (storage)	-20°C to 60°C
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	EnergyStar 8.0; EPEAT Silver; TCO Certified; RoHS
Recyclable packaging material	100 %
Specific Substances	PVC / BFR free housing; Mercury free

CABINET INFORMATION

Front bezel	Black/Black
Finish	Texture
Rear cover	Black/Black
Foot	Black/Black

KEY SELLING POINTS

Product line	B Line
Screen diagonal	22 (21.5" / 54.6 cm diag.)
Resolution	1920 x 1080 (Full HD)

WHAT'S IN THE BOX

Accessory	Stylus (touch pen)