SAMSUNG

Samsung M50D computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LED Black

Brand : Samsung

Product family: Smart Monitor

Product code: LS27DM500EUXEN

Product name : M50D

27" Full HD (1920x1080), 250 cd/m², 60Hz, 3000:1, 4 ms, HDR10, HDMI, USB, Tizen, 615.5 x 455.4 x 193.5 mm
Samsung M50D. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, 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. VESA mounting. Product colour: Black

Display	
Display diagonal *	68.6 cm (27")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	VA
Touchscreen *	✗
Display brightness (typical)	250 cd/m²
Display brightness (min)	200 cd/m²
Response time *	4 ms
Response time measurement type	GTG (Gray to Gray)
Screen shape *	Flat
Contrast ratio (typical) *	3000:1
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1 billion colours
Viewable size, horizontal	59.8 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
NTSC coverage (typical)	72%

Performance	
NVIDIA G-SYNC *	✗
AMD FreeSync *	✗
Flicker-free technology	✓
Game features	Super Ultrawide GameView
Operating system installed	Tizen

Multimedia	
RMS rated power	10 W
Built-in speaker(s) *	✓
Adaptive Sound Control (ASC)	✓

Ergonomics	
Tilt adjustment	✓
Tilt angle range	-2 - 22°

Power	
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	23 kWh
Energy consumption (HDR) per 1000 hours *	32 kWh
Power consumption (typical) *	23 W
Power consumption (standby) *	0.5 W
Power consumption (max)	50 W
AC input voltage	100 - 240 V
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	1926755

Operational conditions	
Operating temperature (T-T)	10 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Weight & dimensions	
Width (with stand)	615.5 mm
Depth (with stand)	193.5 mm
Height (with stand)	455.4 mm
Weight (with stand)	4.8 kg
Width (without stand)	615.5 mm
Depth (without stand)	41.8 mm
Height (without stand)	367.9 mm
Weight (without stand)	3.6 kg

Packaging data	
Stand type	Simple stand
Package width	738 mm
Package depth	428 mm
Package height	126 mm
Package weight	6.1 kg

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Multimedia	
Built-in camera *	✗

Design	
Market positioning *	Consumer
Product colour *	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✓
USB Type-A downstream ports quantity	2
HDMI *	✓
HDMI ports quantity	2
HDMI version	1.4
Headphone out *	✗
HDCP	✓
HDCP version	2.2

Network	
Wi-Fi	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth	✓
Bluetooth version	5.2

Ergonomics	
VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Height adjustment *	✗

Packaging content	
Stand included	✓
Cables included	AC, HDMI
Remote control included	✓
Power cable length	1.5 m

Other features	
Sound mirroring	✓
Screen mirroring	✓
TV Plus	✓
SmartThings app support	✓
Tap view	✓
Universal guide	✓
Multi View	✓
Samsung Eye Saver Mode	✓
Adaptive picture	✓
Anynet + (HDMI-CEC)	✓
Image size	✓
Wireless display	✓
NFT marketplaces	Nifty Gateway
Workspace	✓
Virtual AIM point	✓
My contents	✓
Auto source switch+	✓

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