

Samsung T45F computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LED Black

Brand : Samsung

Product family: Essential Monitor

Product code: LF27T450QRXXE

Product name : T45F

- Screen: 1920x1080 Resolution, IPS Panel
 - Technology: 5MS Response Time, 75Hz Refresh Rate, FreeSync™
 - Connections: HDMI, Display Port, USB-Hub, Headphone
 - Great For: Gaming and Productivity
- 27", IPS, FHD (1920 x 1080), 16:9, 250 cd/m², 178°/178°, Max 16.7M, 75Hz, 5 ms, FreeSync, 612.1 x 391.6 x 224.0 mm

Samsung T45F. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 2.0. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Height adjustment	13 cm
Display resolution *	1920 x 1080 pixels	Pivot	✓
HD type *	Full HD	Swivelling	✓
Native aspect ratio *	16:9	Swivel angle range	-45 - 45°
Display technology *	LED	Tilt adjustment	✓
Panel type *	IPS	Tilt angle range	-3 - 25°
Touchscreen *	✗	Power	
Display brightness (typical)	250 cd/m ²	Energy efficiency class (SDR) *	D
Display brightness (min)	200 cd/m ²	Energy efficiency class (HDR) *	Not available
Response time *	5 ms	Energy consumption (SDR) per 1000 hours *	17 kWh
Response time measurement type	GTG (Gray to Gray)	Power consumption (typical) *	17 W
Screen shape *	Flat	Power consumption (standby) *	0.5 W
Supported graphics resolutions	1920 x 1080 (HD 1080)	Power consumption (off)	0.3 W
Contrast ratio (typical) *	1000:1	AC input voltage	100 - 240 V
Dynamic contrast ratio marketing name	Mega Contrast	AC input frequency	50/60 Hz
Maximum refresh rate *	75 Hz	Power supply type	Internal
Viewing angle, horizontal	178°	Energy efficiency scale	A to G
Viewing angle, vertical	178°	European Product Registry for Energy Labelling (EPREL) code	405791
Display number of colours *	16.7 million colours	Operational conditions	
Viewable size, horizontal	59.8 cm	Operating temperature (T-T)	10 - 40 °C
Viewable size, vertical	33.6 cm	Operating relative humidity (H-H)	10 - 80%
Display diagonal (metric)	68 cm	Weight & dimensions	
NTSC coverage (typical)	72%	Width (with stand)	612.1 mm
Performance		Depth (with stand)	224 mm
NVIDIA G-SYNC *	✗	Height (with stand)	391.6 mm
AMD FreeSync *	✓	Weight (with stand)	4.6 kg
AMD FreeSync type	FreeSync	Width (without stand)	612.1 mm
Flicker-free technology	✓	Depth (without stand)	39.4 mm
Game mode	✓	Height (without stand)	363.6 mm
Multimedia		Weight (without stand)	3.2 kg
Built-in speaker(s) *	✗	Packaging data	
Built-in camera *	✗	Stand type	HAS stand

Design		Packaging data	
Market positioning *	Professional	Package width	693 mm
Product colour *	Black	Package depth	428 mm
Ports & interfaces		Package height	147 mm
Built-in USB hub *	✓	Package weight	6.2 kg
USB hub version	2.0	Packaging content	
USB Type-A downstream ports quantity	2	Cables included	AC, HDMI
HDMI *	✓	Installation CD	✓
HDMI ports quantity	2	Power cable length	1.5 m
HDMI version	1.4	Sustainability	
DisplayPorts quantity	1	Sustainability compliance	✓
DisplayPort version	1.2	Sustainability certificates	ENERGY STAR, TCO
Headphone out *	✓	Other features	
Ergonomics		Samsung Eye Saver Mode	✓
VESA mounting *	✓	Eco Saving Plus	✓
Panel mounting interface	100 x 100 mm	Image size	✓
Height adjustment *	✓	Off Timer Plus	✓



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