

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

**Brand :** Samsung

**Product code:** LF27T450FQRXXU

**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" T45F Full HD Monitor, 1920 x 1080 px, 19:9, IPS, 250 cd/m², 5ms, 75 Hz, 178°/178°, AMD FreeSync, HDMI, DisplayPort, USB, 17 kWh, D  
 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 *	✗		
Display brightness (typical)	250 cd/m²		
Response time *	5 ms		
Screen shape *	Flat		
Contrast ratio (typical) *	1000:1		
Dynamic contrast ratio marketing name	Mega Contrast		
Maximum refresh rate *	75 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	16.7 million colours		
NTSC coverage (typical)	72%		
Performance		Power	
AMD FreeSync *	✓	Energy efficiency class (SDR) *	D
AMD FreeSync type	FreeSync	Energy consumption (SDR) per 1000 hours *	17 kWh
Flicker-free technology	✓	Power consumption (typical) *	17 W
Game mode	✓	Power consumption (standby) *	0.5 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		Energy efficiency scale	A to G
		European Product Registry for Energy Labelling (EPREL) code	405791
Design		Operational conditions	
Market positioning *	Home	Operating temperature (T-T)	10 - 40 °C
Product colour *	Black	Operating relative humidity (H-H)	10 - 80%
Ports & interfaces		Weight & dimensions	
Built-in USB hub *	✓	Width (with stand)	612.1 mm
USB hub version	2.0	Depth (with stand)	224 mm
USB Type-A downstream ports quantity	2	Height (with stand)	391.6 mm
HDMI *	✓	Weight (with stand)	4.6 kg
HDMI ports quantity	2	Width (without stand)	612.1 mm
		Depth (without stand)	39.4 mm
		Height (without stand)	363.6 mm
		Weight (without stand)	3.2 kg
		Packaging data	
		Package width	693 mm
		Package depth	428 mm
		Package height	147 mm

Ports & interfaces		Packaging data	
HDMI version	1.4	Package weight	6.2 kg
DisplayPorts quantity	1	Packaging content	
DisplayPort version	1.2	Cables included	AC, HDMI
Headphone out *	✓	Sustainability	
Ergonomics		Sustainability certificates	ENERGY STAR
VESA mounting *	✓	Logistics data	
Panel mounting interface	100 x 100 mm	Harmonized System (HS) code	85285210
Height adjustment *	✓		



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