

## Samsung T45F computer monitor 61 cm (24") 1920 x 1080 pixels Full HD LED Black

**Brand :** Samsung

**Product family:** Essential Monitor

**Product code:** LF24T450FQRXXE

**Product name :** T45F

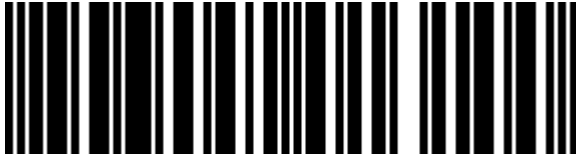
- Screen: 1920x1080 Resolution, IPS Panel
  - Technology: 5MS Response Time, 75Hz Refresh Rate, FreeSync™
  - Connections: HDMI, Display Port, USB-Hub, Headphone
  - Great For: Gaming and Productivity
- 24", IPS, FHD (1920 x 1080), 16:9, 250 cd/m<sup>2</sup>, 178°/178°, Max 16.7M, 75Hz, 5 ms, FreeSync, 539.2 x 370.9 x 224.0 mm

Samsung T45F. Display diagonal: 61 cm (24"), 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 *	61 cm (24")	Height adjustment *	✓
Display resolution *	1920 x 1080 pixels	Height adjustment	13 cm
HD type *	Full HD	Pivot	✓
Native aspect ratio *	16:9	Swivelling	✓
Display technology *	LED	Swivel angle range	-45 - 45°
Panel type *	IPS	Tilt adjustment	✓
Touchscreen *	✗	Tilt angle range	-3 - 25°
Display brightness (typical)	250 cd/m <sup>2</sup>	Picture-in-Picture	✗
Display brightness (min)	200 cd/m <sup>2</sup>		
Response time *	5 ms	Power	
Response time measurement type	GTG (Gray to Gray)	Energy efficiency class (SDR) *	E
Screen shape *	Flat	Energy efficiency class (HDR) *	Not available
Supported graphics resolutions	1920 x 1080 (HD 1080)	Energy consumption (SDR) per 1000 hours *	15 kWh
Aspect ratio	16:9	Power consumption (typical) *	15 W
Contrast ratio (typical) *	1000:1	Power consumption (standby) *	0.5 W
Dynamic contrast ratio marketing name	Mega Contrast	Power consumption (off)	0.3 W
Maximum refresh rate *	75 Hz	AC input voltage	100 - 240 V
Viewing angle, horizontal	178°	AC input frequency	50/60 Hz
Viewing angle, vertical	178°	Power supply type	Internal
Display number of colours *	16.7 million colours	Energy efficiency scale	A to G
Viewable size, horizontal	52.7 cm	European Product Registry for Energy Labelling (EPREL) code	405790
Viewable size, vertical	29.6 cm	Operational conditions	
Display diagonal (metric)	60 cm	Operating temperature (T-T)	10 - 40 °C
NTSC coverage (typical)	72%	Operating relative humidity (H-H)	10 - 80%
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	539.2 mm
AMD FreeSync *	✓	Depth (with stand)	224 mm
AMD FreeSync type	FreeSync	Height (with stand)	370.9 mm
Flicker-free technology	✓	Weight (with stand)	4.2 kg
Game mode	✓	Width (without stand)	539.2 mm
Multimedia		Depth (without stand)	39.4 mm
Built-in speaker(s) *	✗	Height (without stand)	322.8 mm
Built-in camera *	✗	Weight (without stand)	2.6 kg

Design		Packaging data	
Market positioning *	Professional	Stand type	HAS stand
Product colour *	Black	Package width	604 mm
Feet colour	Black	Package depth	385 mm
Ports & interfaces		Package height	147 mm
Built-in USB hub *	✓	Package weight	5.3 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	✓
		Off Timer Plus	✓



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Publication date: 22-DEC-2024. Prints or copies of Information are only valid on the printed Publication date