

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

Brand : Samsung

Product family: Essential Monitor

Product code: LF24T452FQRXEN

Product name : T45F

24", IPS, FHD (1920 x 1080), 16:9, 250 cd/m², 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")	Swivel angle range	-45 - 45°
Display resolution *	1920 x 1080 pixels	Tilt adjustment	✓
HD type *	Full HD	Tilt angle range	-3 - 25°
Native aspect ratio *	16:9	Power	
Display technology *	LED	Energy efficiency class (SDR) *	E
Panel type *	IPS	Energy efficiency class (HDR) *	Not available
Touchscreen *	✗	Energy consumption (SDR) per 1000 hours *	15 kWh
Display brightness (typical)	250 cd/m ²	Power consumption (typical) *	15 W
Display brightness (min)	200 cd/m ²	Power consumption (standby) *	0.5 W
Response time *	5 ms	Power consumption (off)	0.3 W
Response time measurement type	GTG (Gray to Gray)	AC input voltage	100 - 240 V
Screen shape *	Flat	AC input frequency	50/60 Hz
Contrast ratio (typical) *	1000:1	Power supply type	External
Dynamic contrast ratio marketing name	Mega Contrast	Energy efficiency scale	A to G
Maximum refresh rate *	75 Hz	European Product Registry for Energy Labelling (EPREL) code	401474
Viewing angle, horizontal	178°	Operational conditions	
Viewing angle, vertical	178°	Operating temperature (T-T)	10 - 40 °C
Display number of colours *	16.7 million colours	Operating relative humidity (H-H)	10 - 80%
Viewable size, horizontal	52.7 cm	Weight & dimensions	
Viewable size, vertical	29.6 cm	Width (with stand)	539.2 mm
Display diagonal (metric)	60 cm	Depth (with stand)	224 mm
NTSC coverage (typical)	72%	Height (with stand)	370.9 mm
Performance		Weight (with stand)	4.1 kg
NVIDIA G-SYNC *	✗	Width (without stand)	539.2 mm
AMD FreeSync *	✓	Depth (without stand)	39.4 mm
AMD FreeSync type	FreeSync	Height (without stand)	322.8 mm
Flicker-free technology	✓	Weight (without stand)	2.6 kg
Game mode	✓	Packaging data	
Design		Stand type	HAS stand
Market positioning *	Professional	Package width	604 mm
Product colour *	Black	Package depth	385 mm
Ports & interfaces		Package height	147 mm
Built-in USB hub *	✓		

Ports & interfaces		Packaging data	
USB hub version	2.0	Package weight	5.3 kg
USB Type-A downstream ports quantity	2	Packaging content	
HDMI *	✓	Cables included	AC, HDMI, HDMI-DVI
HDMI ports quantity	2	Installation CD	✓
HDMI version	1.4	Power cable length	1.5 m
DisplayPorts quantity	1	Sustainability	
DisplayPort version	1.2	Sustainability compliance	✓
Headphone out *	✓	Sustainability certificates	ENERGY STAR, TCO
Ergonomics		Other features	
VESA mounting *	✓	Samsung Eye Saver Mode	✓
Panel mounting interface	100 x 100 mm	Eco Saving Plus	✓
Height adjustment *	✓	Image size	✓
Adjustable height (max)	13 cm	Off Timer Plus	✓
Pivot	✓	Logistics data	
Swivelling	✓	Harmonized System (HS) code	85285210



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