



T45F mainstream monitor

22" Monitor	LF22T450FQR
24" Monitor	LF24T450FQR
27" Monitor	LF27T450FQR

Experience clarity and efficiency with the Samsung T45F professional monitor.

Partner logo:



Experience

From the design of the bezels to intuitive tools, our monitors offer enhanced user experience.

- Flat Display (22", 24" & 27" IPS)
- Connectivity (1xDP, 2xHDMI, 3xUSB)
- 16.7 Million Colors
- Speakers¹ (2x1W)



Well-being

Our products maximise viewing comfort, while protecting against eye strain.

- Eye Saver Mode (Minimize blue light emission)
- Flicker Free
- Ergonomic Stand (HAS, Tilt, Swivel & Pivot)
- Wall Mount (100 x 100)



Sustainability

We work to push technology forward with more environmentally conscious innovations.

- Eco Saving Plus² (use up to 10% less energy)
- TCO Certified³ (9.0)
- EPEAT Silver⁴

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LF27T450FQR



22" & 27" Models 24" Models



Key features



Flat IPS panel: Preserve color vividness and clarity of multimedia contents across every inch of the screen through 178° of wide viewing angle.



Borderless monitors: Minimal bezel brings maximum concentration. The virtually borderless screen shows a full picture and looks almost gapless when used in a dual-monitor setup.



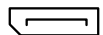
Eco Saving Plus²: Can assist in more effective power consumption while maintaining picture quality. Eco Saving Plus technology can reduce up to 10% of power consumption when compared with the maximum brightness level by adjusting the brightness of the screen's black sections automatically.



USB Hub: Extend the connectivity of the PC by connecting it to your monitor and using its USB ports.



HDMI: HDMI can be used to transmit audio and video data from an HDMI-compliant source device, like a laptop, tablet or desktop PC, to a computer monitor.



DisplayPort (DP): DisplayPort can be used to transmit audio and video from a DisplayPort-equipped external device to a computer monitor. DisplayPort supports FreeSync.

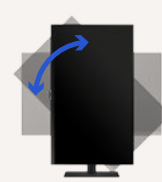
The perfect pose



Swivel

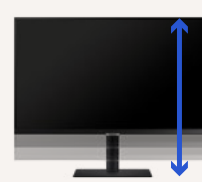


Tilt



Pivot

90° to the right



HAS

Height Adjustable Stand

3 year warranty

What's in the box?

HDMI Cable
Power Cable

Accessories may differ by country.

Connectivity

- 1 Headphone IN
- 2 USB 2.0 for Service
- 3 USB 2.0
- 4 DisplayPort IN
- 5 HDMI 1 IN
- 6 HDMI 2 IN
- 7 PC IN



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22" & 27" Models

24" Models



		LF22T450FQR	LF24T450FQR	LF27T450FQR
Display	Screen Size	22"	24"	27"
	Resolution	1920X1080	1920X1080	1920X1080
	Flat/Curved	Flat	Flat	Flat
	Aspect Ratio	16:9	16:9	16:9
	Panel Type	IPS	IPS	IPS
	Brightness in cd/m2 (Typ)	250	250	250
	Contrast Ratio Static	1000:1	1000:1	1000:1
	Color Support	16.7 Million	16.7 Million	16.7 Million
	Color Coverage	72% (CIE1931) NTSC	72% (CIE1931) NTSC	72% (CIE1931) NTSC
	HDR	No	No	No
	Refresh rate	75Hz	75Hz	75Hz
	Response Time (GTG)	5ms	5ms	5ms
Connectivity	D-Sub (Analog)	No	No	No
	DVI	No	No	No
	HDMI	2x HDMI 1.4	2x HDMI 1.4	2x HDMI 1.4
	Display Port (DP)	1x 1.2	1x 1.2	1x 1.2
	Display Port Out	No	No	No
	USB	3x USB 2.0	3x USB 2.0	3x USB 2.0
	USB 3.0	No	No	No
	Ethernet (LAN)	No	No	No
Other	Headphone	1x	1x	1x
	Speakers	No	2x 1W ¹ (Optional model)	2x 1W ¹ (Optional model)
	Built-in Camera / KVM Switch	No / No	No (different model option)	No (different model option)
	Additional Features	Eco Saving Plus ² / Flicker Free Eye Saver Mode	Eco Saving Plus ² / Flicker Free Eye Saver Mode	Eco Saving Plus ² / Flicker Free Eye Saver Mode
	Certifications, Standards & Licenses	TCO Certified (9.0) ³ EPEAT Silver ⁴	TCO Certified (9.0) ³ EPEAT Silver ⁴	TCO Certified (9.0) ³ EPEAT Silver ⁴
	Ergonomic Stand	Tilt: -3.0°(±2.0°) ~ 25.0°(±2.0°)	Tilt: -3.0°(±2.0°) ~ 25.0°(±2.0°)	Tilt: -3.0°(±2.0°) ~ 25.0°(±2.0°)
		Swivel: -45°(±2.0°) ~ 45°(±2.0°)	Swivel: -45.0°(±2.0°) ~ 45.0°(±2.0°)	Swivel: -45.0°(±2.0°) ~ 45.0°(±2.0°)
		Pivot: -1.0°(+0.0°, -2.0°) ~ 95.0°(±2.0°)	Pivot: -1.0°(+0.0°, -2.0°) ~ 95.0°(±2.0°)	Pivot: -1.0°(+0.0°, -2.0°) ~ 95.0°(±2.0°)
		HAS: 100.0mm(±2.0mm)	HAS: 130.0mm(±2.0mm)	HAS: 130.0mm(±2.0mm)
	Power Consumption (Typ)	12W	15W	17W
	Set Dimension (WxHxD)	With Stand: 488.8 x 325.3 x 210.0 mm	With Stand: 539.2 x 370.9 x 224.0 mm	With Stand: 612.1 x 391.6 x 224.0mm
		Without Stand: 488.8 x 294.4 x 39.4 mm	Without Stand: 539.2 x 322.8 x 39.4mm	Without Stand: 612.1 x 363.6 x 39.4mm
	Set Weight	With Stand: 3.5kg Without Stand: 2.2kg	With Stand: 4.0kg Without Stand: 2.6kg	With Stand: 4.6kg Without Stand: 3.2kg
Optional Model		Speaker Option (LF24T450FZU) ¹ HDMI to DVI Cable Option (LF24T452FQR)	Speaker Option (LF27T450FZU) ¹ HDMI to DVI Cable Option (LF27T452FQR)	

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Find out more at:

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<https://displaysolutions.samsung.com/monitor/detail/1689/F27T45>

All tests and measurements were conducted by Samsung internally.

¹Speakers only available for 24" and 27" through optional model.

²Based on internal testing data of S80PB, S80TB and T45F monitors only. Testing compared energy usage of these models with Eco Saving Plus mode switched on high setting and switched off. Actual energy savings may vary based on usage conditions, brightness levels, and model selected. Eco Saving Plus is not available in Dynamic Contrast Mode, Game Mode, Eye Saver Mode, or when PIP/PBP Mode is on.

³See www.tccertified.com for more information.

⁴See www.epeat.net for more information.

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