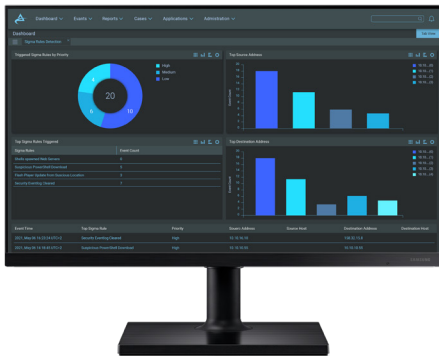# The budget isn't the only thing you'll find comfortable.

Quality, comfortable monitors for the budget-conscious

Presenting monitors your entire team will be comfortable with. The Samsung T45F series delivers premium picture quality, full adjustability and full connectivity. Premium IPS panel technology means an incredible picture and vivid colors across every inch of the screen, while built-in speakers mean less unsightly desk clutter. A fully adjustable stand puts the impressive picture right where users need it, and Eye Saver mode and Flicker Free technology relieve eye strain and fatigue. And versatile connectivity helps simplify things.

Key Features

Impressive picture quality
With an IPS panel, the T45F series provides premium picture quality with vibrant color reproduction and crystal-clear images and text without color shift. IPS technology also provides wide viewing angles of 178˚, so your content isn't degraded and collaboration is easy.

Ultra-thin bezels
Text and graphics are beautifully presented in a 3-sided bezel-less frame, so you see more picture and less plastic. With ultra-slim bezels, multiple monitor configurations are seamless.

Fast, easy connectivity
With 2 x HDMI, Display Port and a 2 x USB hub, users have the ability to plug multiple devices directly into the monitor.

Built-in speakers
With integrated speakers, the T45F series eliminate the cost and clutter of external speakers.

Ergonomic, adjustable stand
For greater user comfort every day, T45F monitors swivel, tilt, pivot and are height-adjustable. VESA compatibility makes installation on a wall or separate mounting arm easy.

Easy on the eyes
Eye Saver Mode lowers blue light levels, for reduced eye strain during long work hours. Flicker-free technology adds further viewing comfort by eliminating flickering at all levels of brightness.

TAA-compliant
Samsung offers high performance and reliability, while complying with the federal Trade Agreements Act (19 U.S.C. and 2501-2581).
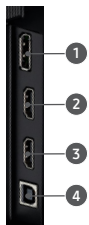
Contact Us: samsung.com/b2bmonitors

Samsung T45F Series
Desktop Monitors

		F24T450FZN	F27T450FZN
Display	Screen Size	23.8"	27"
	Flat / Curved	Flat	Flat
	Active Display Size (H x V)	527.04 × 296.46 mm	597.888 × 336.312 mm
	Panel Type (PLS / VA / TN)	IPS	IPS
	Bezel-Less	Yes	Yes
	Aspect Ratio	16:9	16:9
	Brightness	250 nits (Typ.) / 200 nits (Min.)	250 nits (Typ.) / 200 nits (Min.)
	Contrast Ratio (Static)	1000:1 (Typ.)	1000:1 (Typ)
	Dynamic Contrast Ratio	Mega	Mega
	Resolution	1920 x 1080	1920 x 1080
	Response Time	5 ms (GTG)	5 ms (GTG)
	Viewing Angle	178° / 178°	178° / 178°
	Color Support	16.7M	16.7M
	Color Gamut (NTSC 1976)	72%	72%
	Refresh Rate	75Hz	75hz
	Pixel Pitch (H x V)	0.24795 × 0.24795 mm	0.3114 × 0.3114 mm
Interface	VGA	No	No
	DVI-D	No	No
	Dual Link DVI Input	No	No
	DisplayPort	1 (Version 1.2)	1 (Version 1.2)
	HDMI	2 (Version 1.4)	2 (Version 1.4)
	Audio In	No	No
	Speaker	Yes (1Wx2)	Yes (1Wx2)
	Headphone	Yes	Yes
	USB Hub	2 (Version 2.0)	2 (Version 2.0)
Features	Picture Size	Yes	Yes
	Game Mode	Yes	Yes
	OS Compatibility	Windows, Mac	Windows, Mac
	Windows Certification	Windows 10	Windows 10
	FreeSync	Yes	Yes
	Eye Saver Mode	Yes	Yes
	Flicker Free	Yes	Yes
	Eco Saving Plus	Yes	Yes
	Off Timer Plus	Yes	Yes
	Auto Source Switch	Yes	Yes
	USB Firmware Update	Yes	Yes
Operation Conditions	Temperature	50˚ ~ 104˚F	50˚ ~ 104˚F
	Humidity	10 ~ 80% (Non-condensing)	10 ~ 80% (Non-condensing)
Power	Type (Internal/External)	Internal Power	Internal Power
	Power Supply	AC 100-240V	AC 100-240V
	Power Consumption (DPMS)	0.5W	0.5W
	Power Consumption (Off Mode)	0.3W	0.3W
Design	Color	Black	Black
	Stand Type	HAS Pivot (more than 100mm)	HAS Pivot (more than 100mm)
	Height	130.0mm (±2.0mm)	130.0mm (±2.0mm)
	Tilt	-3.0˚ (± 2.0˚) ~ 25.0˚ (± 2.0˚)	-3.0˚ (± 2.0˚) ~ 25.0˚ (± 2.0˚)
	Swivel	-45˚ (± 2.0˚) ~ 45˚ (± 2.0˚)	-45˚ (± 2.0˚) ~ 45˚ (± 2.0˚)
	Pivot	Yes	Yes
	Wall Mount (VESA)	100 mm x 100 mm	100 mm x 100 mm
Dimensions	Set Dimension without Stand (W x H x D)	21.2" x 12.7" x 1.6"	24.1" x 14.3" x 1.6"
	Set Dimension with Stand (W x H x D)	21.2" x 14.6" x 8.8"	24.1" x 15.4" x 8.8"
	Package Dimension (W x H x D)	23.8" x 5.8" x 15.2"	27.3" x 5.8" x 16.9"
Weight	Set Weight without Stand	5.7 lbs.	7.1 lbs.
	Set Weight with Stand	8.8 lbs.	10.1(lbs.
	Package Weight	12.1 lbs.	13.7 lbs.
Accessory	Display Port Cable	Yes	Yes
	HDMI Cable	Yes	Yes
	Other	Quick Setup Guide, Warranty Card	Quick Setup Guide, Warranty Card
Certification	Energy Star	Yes	Yes
	TCO	Yes	Yes
	EPEAT	Yes	Yes
Eco	Recycled Plastic	3%	3%
Warranty	Warranty	3 Years	3 Years

Connectivity

1. DisplayPort In
2. HDMI In 1
3. HDMI In 2
4. PC In
5. Headphone
6. USB
7. USB

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