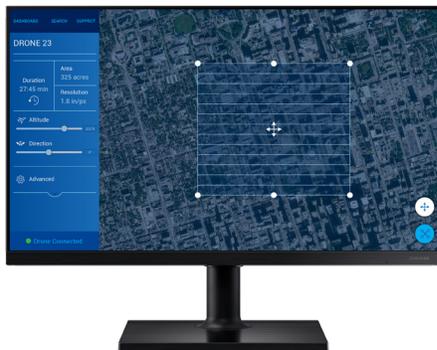# It's a small price to pay for such performance.

High-quality monitors for the budget-conscious

Invest a lot in employee comfort without investing a lot of money. The Samsung FT45 series provides ergonomic features that enhance both all-day comfort and productivity. 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. Versatile connectivity simplifies things, with HDMI, DisplayPort and a USB hub. Energy-saving features reduce power consumption by up to 10%, providing cost benefits.

Key Features

Impressive picture quality
The FT45 series features an IPS panel for 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 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.

Ergonomic, adjustable stand
The monitor swivels, tilts, pivots and is height-adjustable, for comfort over a long workday. 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.

Save power and still see it all
Eco Saving Plus technology achieves power-consumption reductions of up to 10% while still maintaining picture quality. It adjusts the brightness of the screen's black sections while simultaneously adjusting the RGB gain values, so the screen appears to remain just as bright as before.
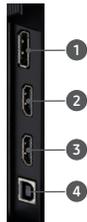
Contact Us: samsung.com/b2bmonitors

Samsung FT45 Series
Desktop Monitors

		F22T452FQN	F24T452FQN	F27T450FQN
Display	Screen Size	21.5"	23.8"	27"
	Flat / Curved	Flat	Flat	Flat
	Panel Type	IPS	IPS	IPS
	Bezel-Less	Yes	Yes	Yes
	Aspect Ratio	16:9	16:9	16:9
	Brightness	250 nits (Typ.) / 200 nits (Min.)	250 nits (Typ.) / 200 nits (Min.)	250 nits (Typ.) / 200 nits (Min.)
	Contrast Ratio (Static)	1000:1 (Typ.)	1000:1 (Typ)	1000:1 (Typ)
	Dynamic Contrast Ratio	Mega ∞ DCR	Mega ∞ DCR	Mega ∞ DCR
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080
	Response Time	5 ms (GTG)	5 ms (GTG)	5 ms (GTG)
	Viewing Angle	178° / 178°	178° / 178°	178° / 178°
	Color Support	16.7M	16.7M	16.7M
	Color Gamut (NTSC 1976)	72%	72%	72%
	Refresh Rate	75Hz	75hz	75hz
	Pixel Pitch (H x V)	0.24795 × 0.24795 mm	0.2745 × 0.2745 mm	0.3114 × 0.3114 mm
Interface	VGA	No	No	No
	DVI-D	No (comes with HDMI to DVI cable)	No (comes with HDMI to DVI cable)	No (comes with HDMI to DVI cable)
	Dual Link DVI Input	No	No	No
	DisplayPort	1 (Version 1.2)	1 (Version 1.2)	1 (Version 1.2)
	HDMI	2 (Version 1.4)	2 (Version 1.4)	2 (Version 1.4)
	Audio In	No	No	No
	Speaker	No	No	No
	Headphone	Yes	Yes	Yes
	USB Hub	2 (Version 2.0)	2 (Version 2.0)	2 (Version 2.0)
Features	Image Size	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	OS Compatibility	Windows, Mac	Windows, Mac	Windows, Mac
	Windows Certification	Windows 10	Windows 10	Windows 10
	FreeSync	Yes	Yes	Yes
	Eye Saver Mode	Yes	Yes	Yes
	Flicker Free	Yes	Yes	Yes
	Eco Saving Plus	Yes	Yes	Yes
	Off Timer Plus	Yes	Yes	Yes
	Other	USB Firmware Update, Auto Source Switch	USB Firmware Update, Auto Source Switch	USB Firmware Update, Auto Source Switch
Operation Conditions	Temperature	50˚ ~ 104˚F	50˚ ~ 104˚F	50˚ ~ 104˚F
	Humidity	10 ~ 80% (Non-condensing)	10 ~ 80% (Non-condensing)	10 ~ 80% (Non-condensing)
Power	Type (Internal/External)	Internal Power	Internal Power	Internal Power
	Power Supply	AC 100-240V	AC 100-240V	AC 100-240V
	Power Consumption (DPMS) (W)	0.5W	0.5W	0.5W
	Off mode 0.00W Power Consumption	0.3W	0.3W	0.3W
Design	Color	Black	Black	Black
	Stand Type	HAS Pivot (more than 100mm)	HAS Pivot (more than 100mm)	HAS Pivot (more than 100mm)
	Height	100.0mm (±2.0mm)	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˚)	-3.0˚ (± 2.0˚) ~ 25.0˚ (± 2.0˚)
	Swivel	-45˚ (± 2.0˚) ~ 45˚ (± 2.0˚)	-45˚ (± 2.0˚) ~ 45˚ (± 2.0˚)	-45˚ (± 2.0˚) ~ 45˚ (± 2.0˚)
	Pivot	Yes	Yes	Yes
	Wall Mount (VESA)	100 mm x 100 mm	100 mm x 100 mm	100 mm x 100 mm
Dimensions	Set Dimension without Stand (W x H x D)	19.2" x 11.6" x 1.6"	21.2" x 8.8" x 1.6"	24.1" x 14.3" x 1.6"
	Set Dimension with Stand (W x H x D)	19.2" x 12.8" x 8.3"	21.2" x 14.6" x 13.1"	24.1" x 15.4" x 8.8"
	Package Dimension (W x H x D)	21.8" x 14.1" x 5.7"	23.8" x 15.2" x 5.8"	27.3" x 16.9" x 5.8"
Weight	Set Weight without Stand	4.9 lbs.	5.7 lbs.	7.1 lbs.
	Set Weight with Stand	7.7 lbs.	8.8 lbs.	10.1 lbs.
	Package Weight	9.5 lbs	11.0 lbs.	12.8 lbs.
Accessory	Power Cable	Yes, 1.5 m	Yes, 1.5 m	Yes, 1.5 m
	DVI Cable	HDMI to DVI	HDMI to DVI	HDMI to DVI
	HDMI Cable	Yes	Yes	Yes
	Other	Install CD, Quick Setup Guide, Warranty Card	Install CD, Quick Setup Guide, Warranty Card	Quick Setup Guide, Warranty Card
Certification	Energy Star	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0
	TCO	Yes	Yes	Yes
	EPEAT	Yes	Yes	Yes
Eco	Recycled Plastic	Over 3%	Over 3%	Over 3%
Warranty	Warranty	3 Years	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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