SAMSUNG

Samsung S70A LED display 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD Black

Brand : Samsung   **Product family:** ViewFinity   **Product code:**
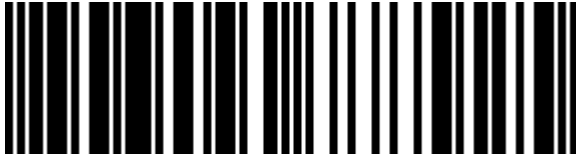LS32A700NWPXEN

Product name : S70A

- Clear UHD resolution
- TÜV-certified intelligent eye care
- Incredible depth with HDR10
- 3-sided bezel-less design

32" VA, 4K UHD (3840 x 2160), 300 cd/⬚, 2500:1, 178°/178°, 5 ms, HDR10, Max 60Hz, HDMI, Display Port, USB, 3.5 mm, 100~240 VAC

Samsung S70A. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting. Product colour: Black

Display

Display diagonal *	81.3 cm (32")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	VA
Touchscreen *	✗
Display brightness (typical)	300 cd/m²
Display brightness (min)	250 cd/m²
Response time *	5 ms
Screen shape *	Flat
Supported graphics resolutions	3840 x 2160
Supported video modes	2160p
Contrast ratio (typical) *	2500:1
Dynamic contrast ratio marketing name	Mega DCR
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Viewable size, horizontal	69.7 cm
Viewable size, vertical	39.2 cm
Display diagonal (metric)	80 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
Colour gamut standard	sRGB
Colour gamut	99%

Performance

Flicker-free technology	✔
Game mode	✔
Smart modes	Cinema, Custom, Dynamic, Energy saving, Standard
Windows operating systems supported	Windows 10

Ergonomics

Picture-in-Picture	✔
Plug and Play	✔

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	33 kWh
Energy consumption (HDR) per 1000 hours *	51 kWh
Power consumption (typical) *	33.2 W
Power consumption (standby) *	0.5 W
Power consumption (max)	33.2 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	1418600
Annual energy consumption	46 kWh

Operational conditions

Operating temperature (T-T)	10 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Weight & dimensions

Width (with stand)	716.1 mm
Depth (with stand)	193.5 mm
Height (with stand)	518.5 mm
Weight (with stand)	6.1 kg
Width (without stand)	716.1 mm
Depth (without stand)	41.3 mm
Height (without stand)	424.7 mm
Weight (without stand)	5 kg

Packaging data

Package width	842 mm

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✘

Design

Market positioning *	Consumer
Product colour *	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces

HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone out *	✔
Headphone outputs	1
AC (power) in	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Wall mountable	✔
Cable lock slot *	✔
Height adjustment *	✘
Tilt adjustment	✔
Tilt angle range	-2 - 22°

Packaging data

Package depth	487 mm
Package height	133 mm
Package weight	7.6 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	HDMI
Installation CD	✔
Power cable length	1.5 m

Sustainability

Sustainability compliance	✔
Sustainability certificates	TCO

Other features

Picture-by-Picture (PbP)	✔
Samsung Eye Saver Mode	✔
On/Off timer	✔
Eco Saving Plus	✔
Eco Light Sensor	✔
Image size	✔
Factory tunning	✔
Off Timer Plus	✔
Auto source switch+	✔

Recycling data

Total amount of recycled materials used for making	3%

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