Samsung M8 32" Smart Monitor M80F UHD

Brand : Samsung

Product family: Smart Monitor

Product code:
LS32FM801UUXXU

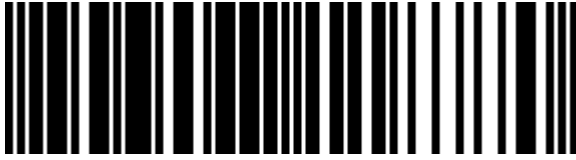**Product name :** 32" Smart Monitor M8 M80F UHD

- Powered by the NQM AI Processor, AI upscaling turns lower resolution content up to nearly 4K.
- With USB-C, HDMI and USB-A ports, you can charge your device, transmit data and make the most out of your multi-screen setup — all at once.
- SlimFit Camera attaches to your monitor and provides clear picture quality.
LS32FM801UUXXU
Samsung 32" Smart Monitor M80F UHD. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 2.0. VESA mounting, Height adjustment. Product colour: White

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 *	LCD
Panel type *	VA
Touchscreen *	✖
Display brightness (typical)	400 cd/m²
Display brightness (min)	300 cd/m²
Response time *	4 ms
Response time measurement type	GTG (Gray to Gray)
Screen shape *	Flat
Contrast ratio (typical) *	3000:1
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1 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), High Dynamic Range 10+ (HDR10 Plus)
Colour gamut standard	sRGB
sRGB coverage (typical)	99%

Performance

NVIDIA G-SYNC *	✖
AMD FreeSync *	✖
Flicker-free technology	✔
Game mode	✔
Game features	Super Ultrawide GameView
Operating system installed	Tizen

Ergonomics

Pivot angle	-92 - 92°
Tilt adjustment	✔
Tilt angle range	-2 - 15°

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	31 kWh
Energy consumption (HDR) per 1000 hours *	72 kWh
Power consumption (typical) *	31.4 W
Power consumption (standby) *	0.5 W
Power consumption (max)	140 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	External
Energy efficiency scale	A to G

Operational conditions

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

Weight & dimensions

Width (with stand)	713.4 mm
Depth (with stand)	200.1 mm
Height (with stand)	616.2 mm
Weight (with stand)	7 kg
Width (without stand)	713.4 mm
Depth (without stand)	24.5 mm
Height (without stand)	423.8 mm
Weight (without stand)	4 kg

Packaging data

Stand type	HAS stand
Package width	909 mm
Package depth	122 mm
Package height	483 mm

Multimedia

RMS rated power	10 W
Built-in speaker(s) *	✔
Built-in camera *	✘
Adaptive Sound Pro	✔

Design

Market positioning *	Smart
Product colour *	White
Feet colour	White

Ports & interfaces

Built-in USB hub *	✔
USB hub version	2.0
USB upstream port type	USB Type-C
Number of upstream ports	1
USB Type-A downstream ports quantity	2
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	65 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
Headphone out *	✘
HDCP	✔
HDCP version	2.2
DC-in jack	✔

Network

Wi-Fi	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth	✔
Bluetooth version	5.2
Remotely operated	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Height adjustment *	✔
Adjustable height (max)	12 cm
Pivot	✔

Packaging data

Package weight	10.5 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	AC, HDMI, USB Type-C
Remote control included	✔
Pogo gender adapter included	✔
Power cable length	1.5 m
Camera included	✔

Other features

Brand specific technologies	Game Bar 2.0, Smart Calibration
Sound mirroring	✔
Screen mirroring	✔
TV Plus	✔
SmartThings app support	✔
Works with Samsung Bixby	✔
Office 365 support	✔
Wireless Dex support	✔
Tap view	✔
Virtual assistant	Amazon Alexa & Samsung Bixby
Far-field voice interaction	✔
Universal guide	✔
Multi View	✔
Anynet + (HDMI-CEC)	✔
Samsung Eye Saver Mode	✔
Image size	✔
Wireless display	✔
Adaptive picture	✔
Auto source switch	✔
Gaming Hub/Game Bar included on selected markets	KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU
Smart calibration	✔
Knox vault	✔
Workspace	✔
Virtual AIM point	✔

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