SAMSUNG

Samsung M80D computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD LED White

Brand : Samsung

Product family: Smart Monitor M8

Product code: LS32DM801UUXDU

Product name : M80D

Samsung M80D. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, 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 *	LED
Panel type *	VA
Touchscreen *	✘
Display brightness (typical)	400 cd/m²
Response time	4 ms
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
Colour gamut	99%
Display brightness (min)	300 cd/m²

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
Brand specific technologies	Eye Saver
Flicker-free technology	✔
Sound mirroring	✔
Screen mirroring	✔
Game mode	✔
Game features	Super Ultrawide GameView
TV Plus	✔

Network

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

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Height adjustment *	✔
Height adjustment	12 cm
Pivot	✔
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
Power supply type	External
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	1949502

Operational conditions

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

Packaging content

Stand included	✔
Cables included	AC, HDMI, USB Type-C
Power adapter included	✔
Remote control included	✔

Performance

SmartThings app support	✔
Works with Samsung Bixby	✔
Tap view	✔
Virtual assistant	Amazon Alexa
Multi View	✔
Operating system installed	Tizen
Adaptive picture	✔

Multimedia

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

Design

Market positioning *	Smart
Product colour *	White
Colour name	Warm 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 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	✔

Packaging content

Pogo gender adapter included	✔
Quick start guide	✔
Power cable length	1.5 m
Camera included	✔

Weight & dimensions

Width (with stand)	713.4 mm
Depth (with stand)	200.1 mm
Height (with stand)	616.2 mm
Weight (with stand)	7.2 kg
Width (without stand)	713.4 mm
Depth (without stand)	24.5 mm
Height (without stand)	423.8 mm
Weight (without stand)	4.2 kg

Packaging data

Stand type	HAS stand
Package width	925 mm
Package depth	485 mm
Package height	132 mm
Package weight	10.4 kg

Other features

Consumer Electronics Control (CEC)	Anynet+
Samsung Eye Saver Mode	✔
Image size	✔
Wireless display	✔
Factory tunning	✔
Gaming Hub/Game Bar	✔
Smart calibration	✔
NFT marketplaces	Nifty Gateway
Knox vault	✔
Workspace	✔
Virtual AIM point	✔
My contents	✔

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