ASUS ROG Swift OLED PG32UCDM computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD QDOLED Black

Brand : ASUS

Product family: ROG Swift OLED

Product code: 90LM09T0-B01370
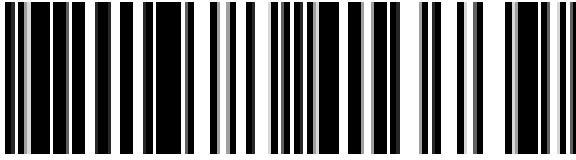
Product name : PG32UCDM

- 32-inch 4K (3840 x 2160) QD-OLED gaming monitor with 240 Hz refresh rate and 0.03 ms (GTG) response time for immersive gaming
- Highly efficient custom heatsink, advanced airflow design, and graphene film for better heat management to reduce the risk of burn-in
- VESA DisplayHDR™ 400 True Black compliance, 99% DCI-P3 gamut, true 10-bit, and Delta E < 2 color difference for astonishing HDR performance
- Optional uniform brightness setting ensures consistent luminance levels
- DisplayWidget Center allows users to access OLED Care functions, as well as adjust monitor settings with a mouse
- Extensive connectivity options include DisplayPort™ 1.4 (DSC), HDMI® 2.1, and USB-C® with 90 W Power Delivery
ROG Swift OLED PG32UCDM 81.28 cm (32 inch) gaming monitor (QD-OLED panel, 240 Hz, 0.03 ms response time, G-SYNC compatible, VESA DisplayHDR 400, DisplayPort, HDMI, USB-C)

Display

Display diagonal *	80 cm (31.5")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	QDOLED
Panel type *	OLED
Touchscreen *	✖
Display brightness (peak)	1000 cd/m²
Display brightness (typical)	250 cd/m²
Response time *	0.03 ms
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1500000:1
Maximum refresh rate *	240 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.073 billion colours
Pixel pitch	0.182 x 0.182 mm
Viewable size, horizontal	69.9 cm
Viewable size, vertical	39.5 cm
Digital horizontal frequency	510 - 501 kHz
Digital vertical frequency	48 - 240 Hz
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)

Performance

NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
VESA Adaptive Sync support	✔

Ports & interfaces

Headphone outputs	1
Headphone connectivity	3.5 mm
Built-in KVM switch	✔
HDCP	✔
HDCP version	2.2

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Wall mountable	✔
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	11 cm
Swivelling	✔
Swivel angle range	-15 - 15°
Tilt adjustment	✔
Tilt angle range	-5 - 20°

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	50 kWh
Energy consumption (HDR) per 1000 hours *	59 kWh
Power consumption (typical) *	42 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
European Product Registry for Energy Labelling (EPREL) code	1888573

Performance

Flicker-free technology	✓
Low Blue Light technology	✓
Game mode	✓

Multimedia

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

Design

Market positioning *	Gaming
Product colour *	Black
Detachable stand	✓
Illuminated stand	✓
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✓
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-C
USB Type-A downstream ports quantity	3
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓
USB Power Delivery up to	90 W
HDMI *	✓
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✓

Weight & dimensions

Width (with stand)	718 mm
Depth (with stand)	274 mm
Height (with stand)	579 mm
Weight (with stand)	8.8 kg
Width (without stand)	718 mm
Depth (without stand)	74 mm
Height (without stand)	430 mm
Weight (without stand)	6 kg

Packaging data

Package width	868 mm
Package depth	238 mm
Package height	514 mm
Package weight	15.2 kg
Package type	Box

Packaging content

Stand included	✓

Sustainability

Sustainability compliance	✓
Sustainability certificates	Forest Stewardship Council (FSC) Mix

Other features

Brand specific technologies	ASUS OLED Care
Shadow control	✓
Motion blur reduction	✓
Warranty period	3 year(s)
Certification	TÜV Flicker-free TÜV Low Blue Light (Hardware Solution) VESA DisplayHDR 400 True Black AMD FreeSync Premium Pro G-SYNC Compatible FSC MIX

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