

## 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		Ports & interfaces	
Display diagonal *	80 cm (31.5")	Headphone outputs	1
Display resolution *	3840 x 2160 pixels	Headphone connectivity	3.5 mm
HD type *	4K Ultra HD	Built-in KVM switch	✓
Native aspect ratio *	16:9	HDCP	✓
Display technology *	QDOLED	HDCP version	2.2
Panel type *	OLED	<b>Ergonomics</b>	
Touchscreen *	✗	VESA mounting *	✓
Display brightness (peak)	1000 cd/m²	Panel mounting interface	100 x 100 mm
Display brightness (typical)	250 cd/m²	Wall mountable	✓
Response time *	0.03 ms	Cable lock slot *	✓
Anti-glare screen	✓	Cable lock slot type	Kensington
Screen shape *	Flat	Height adjustment *	✓
Contrast ratio (typical) *	1500000:1	Height adjustment	11 cm
Maximum refresh rate *	240 Hz	Swivelling	✓
Viewing angle, horizontal	178°	Swivel angle range	-15 - 15°
Viewing angle, vertical	178°	Tilt adjustment	✓
Display number of colours *	1.073 billion colours	Tilt angle range	-5 - 20°
Pixel pitch	0.182 x 0.182 mm	<b>Power</b>	
Viewable size, horizontal	69.9 cm	Energy efficiency class (SDR) *	G
Viewable size, vertical	39.5 cm	Energy efficiency class (HDR) *	G
Digital horizontal frequency	510 - 501 kHz	Energy consumption (SDR) per 1000 hours *	50 kWh
Digital vertical frequency	48 - 240 Hz	Energy consumption (HDR) per 1000 hours *	59 kWh
High Dynamic Range (HDR) supported	✓	Power consumption (typical) *	42 W
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Power consumption (off)	0.3 W
<b>Performance</b>		Power consumption (PowerSave)	0.5 W
NVIDIA G-SYNC *	✓	AC input voltage	100 - 240 V
NVIDIA G-SYNC type	G-SYNC Compatible	AC input frequency	50/60 Hz
AMD FreeSync *	✓	European Product Registry for Energy Labelling (EPREL) code	1888573
AMD FreeSync type	FreeSync Premium Pro		
VESA Adaptive Sync support	✓		

Performance		Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	718 mm
Low Blue Light technology	✓	Depth (with stand)	274 mm
Game mode	✓	Height (with stand)	579 mm
Multimedia		Weight (with stand)	8.8 kg
Built-in speaker(s) *	✗	Width (without stand)	718 mm
Built-in camera *	✗	Depth (without stand)	74 mm
Design		Height (without stand)	430 mm
Market positioning *	Gaming	Weight (without stand)	6 kg
Product colour *	Black	Packaging data	
Detachable stand	✓	Package width	868 mm
Illuminated stand	✓	Package depth	238 mm
Feet colour	Black	Package height	514 mm
Ports & interfaces		Package weight	15.2 kg
Built-in USB hub *	✓	Package type	Box
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Packaging content	
USB upstream port type	USB Type-C	Stand included	✓
USB Type-A downstream ports quantity	3	Sustainability	
USB Type-C downstream ports quantity	1	Sustainability compliance	✓
USB Type-C DisplayPort Alternate Mode	✓	Sustainability certificates	Forest Stewardship Council (FSC) Mix
USB Power Delivery	✓	Other features	
USB Power Delivery up to	90 W	Brand specific technologies	ASUS OLED Care
HDMI *	✓	Shadow control	✓
HDMI ports quantity	2	Motion blur reduction	✓
HDMI version	2.1	Warranty period	3 year(s)
DisplayPorts quantity	1	Certification	TÜV Flicker-free TÜV Low Blue Light (Hardware Solution) VESA
DisplayPort version	1.4		DisplayHDR 400 True Black AMD
Headphone out *	✓		FreeSync Premium Pro G-SYNC
			Compatible FSC MIX



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