Monitor specifications

Model	P2720DC
Screen type	Active matrix-TFT LCD
Panel type	In-Plane Switching Technology
Viewable image	
Diagonal	684.70 mm (27.0 in.)
Horizontal, Active Area	596.74 mm (23.49 in.)
Vertical, Active Area	335.66 mm (13.76 in.)
Area	200,301.75 mm^2 (323.22 in.^{2})
Pixel pitch	0.233 mm x 0.233 mm
Pixel per inch (PPI)	108
Viewing angle	
Horizontal	178° (typical)
Vertical	178° (typical)
Luminance output	350 cd/m² (typical)
Contrast ratio	1000 to 1 (typical)
Faceplate coating	Anti-glare with 3H hardness, Haze 25%
Backlight	LED edgelight system
Response time (Gray to Gray)	8 ms (Normal) 5 ms (Fast)
Color depth	16.7 million colors
Color gamut	99% sRGB
Connectivity	1 x HDMI 1.4 1 x DP 1.2 (in) 1 x DP 1.2 (out) 1 x USB Type-C port 2 x USB 3.0 port - Side 2 x USB 2.0 port - Bottom

DELL

Bezel width (edge of monitor to active area)	
Top	7.4 mm
Left/Right	7.4 mm
Bottom	21.1 mm
Adjustability	
Height adjustable stand	130 mm
Tilt	-5° to 21°
Swivel	-45° to 45°
Pivot	-90° to 90°
Dell display manager compatibility	Easy Arrange and other key features
Security	Security-lock slot (cable lock optional purchase)

Resolution specifications

Model	P2720DC
Horizontal scan range	29 kHz to 113 kHz
Vertical scan range	49 Hz to 75 Hz (automatic)
Maximum preset resolution	2560 x 1440 at 60 Hz

Supported video modes

Model	P2720DC
Video display capabilities (HDMI/DP)	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1440p

Preset display modes

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal / Vertical)
VESA, 720 x 400	31.5	70.1	28.3	-/+
VESA, 640 x 480	31.5	59.9	25.2	-/-
VESA, 640 x 480	37.5	75.0	31.5	-/-
VESA, 800 x 600	37.9	60.3	40.0	+/+
VESA, 800 x 600	46.9	75.0	49.5	+/+
VESA, 1024 x 768	48.4	60.0	65.0	-/-
VESA, 1024 x 768	60.0	75.0	78.8	+/+
VESA, 1152 x 864	67.5	75.0	108.0	+/+
VESA, 1280 x 768	47.8	59.9	79.5	-/+
VESA, 1280 x 1024	64.0	60.0	108.0	+/+
VESA, 1280 x 1024	79.9	75.0	135.0	+/+
VESA, 1600 x 1200	75.0	60.0	162.0	+/+
VESA, 1680 x 1050	65.3	60.0	146.3	-/+
VESA, 1920 x 1080	67.5	60.0	148.5	+/+
VESA, 1920 x 1200	74.6	59.9	193.3	-/+
VESA, 2048 x 1080	66.6	60.0	147.2	+/-
VESA, 2560 x 1440	88.8	60.0	241.5	+/-

MST Multi-Stream Transport (MST) Modes

MST Source Monitor	Maximum number of external monitor that can be supported
	2560 x 1440/60 Hz
2560 x 1440/60 Hz	2

NOTE: Maximum external monitor resolution supported is 2560 x 1440 60Hz only.

Electrical specifications

Model	P2720DC
Video input signals	HDMI 1.4, 600 mV for each differential line, 100 ohm input impedance per differential pair
	DP 1.2, 600 mV for each differential line, 100 ohm input impedance per differential pair
	USB Type-C, 600 mV for each differential line, 90 ohm input impedance per differential pair
AC input voltage/ frequency/current	100 VAC to 240 VAC / 50 Hz or 60 Hz ± 3 Hz / 2.5 A (typical)
Inrush current	120 V: 30 A (Max.) at 0 °C (cold start)
	240 V: 60 A (Max.) at 0 °C (cold start)
Power Consumption	0.2 W (Off Mode)[1]
	0.2 W (Standby Mode)[1]
	21.7 W (On Mode)[1]
	130.0 W (Max)[2]
	19.2 W (Pon)[3]
	63 kWh (TEC)[3]

[1] As defined in EU 2019/2021 and EU 2019/2013.

[2] Max brightness and contrast setting with maximum power loading on all USB ports.

[3] Pon: Power consumption of On Mode as defined in Energy Star 8.0 version.
   TEC: Total energy consumption in kWh as defined in Energy Star 8.0 version.

This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components and peripherals you ordered and shall have no obligation to update such information. Accordingly, the customer should not rely upon this information in making decisions about electrical tolerances or otherwise. No warranty as to accuracy or completeness is expressed or implied.

NOTE: This monitor is ENERGY STAR certified.

This product qualifies for ENERGY STAR in the factory default settings which can be restored by "Factory Reset" function in the OSD menu. Changing the factory default settings or enabling other features may increase power consumption that could exceed the ENERGY STAR specified limit.

Physical characteristics

Model	P2720DC
Signal cable type	● Digital: DP, 20 pins ● Digital: USB Type-C, 24 pins
Dimensions (with stand)	
Height (extended)	525.3 mm (20.68 in.)
Height (compressed)	395.3 mm (15.56 in.)
Width	611.6 mm (24.08 in.)
Depth	185.0 mm (7.28 in.)
Dimensions (without stand)	
Height	364.1 mm (14.34 in.)
Width	611.6 mm (24.08 in.)
Depth	43.6 mm (1.72 in.)
Stand dimensions	
Height (extended)	418.4 mm (16.47 in.)
Height (compressed)	371.0 mm (14.61 in.)
Width	245.0 mm (9.65 in.)
Depth	185.0 mm (7.28 in.)
Weight	
Weight with packaging	9.53 kg (21.01 lb)
Weight with stand assembly and cables	7.27 kg (16.03 lb)
Weight without stand assembly (no cables)	4.97 kg (10.96 lb)
Weight of stand assembly	1.85 kg (4.08 lb)
Front-frame gloss	Black frame 2-4 gloss units

Environmental characteristics

Model	P2720DC
Compliant Standards	
• ENERGY STAR certified monitor • EPEAT registered where applicable. EPEAT registration varies by country. See **www.epeat.net** for registration status by country. • TCO Certified. • RoHS-compliant • BFR/PVC free monitor (excluding external cables) • Meets NFPA 99 leakage current requirements. • Arsenic-free glass and Mercury-free for the panel only • Energy Gauge shows the energy level being consumed by the monitor in real time.	
Temperature	
Operating	0 ºC to 40 ºC (32 ºF to 104 ºF)
Non-operating	• Storage: -20 ºC to 60 ºC (-4 ºF to 140 ºF) • Shipping: -20 ºC to 60 ºC (-4 ºF to 140 ºF)
Humidity	
Operating	10% to 80% (non-condensing)
Non-operating	• Storage 10% to 90% (non-condensing) • Shipping 10% to 90% (non-condensing)
Altitude	
Operating (maximum)	5,000 m (16,400 ft)
Non-operating (maximum)	12,192 m (40,000 ft)
Thermal dissipation	• 444.60 BTU/hour (maximum) • 83.79 BTU/hour (typical)

DisplayPort connector