

Monitor specifications

Model	S2319HS	S2719HS
Screen type	Active matrix - TFT LCD	
Panel Type	In-plane switching technology	
Aspect ratio	16:9	
Viewable image dimensions		
Diagonal	58.4 cm (23.0 in.)	68.6 cm (27.0 in.)
Active Area		
Horizontal	509.18 mm (20.05 in.)	597.88 mm (23.54 in.)
Vertical	286.42 mm (11.28 in.)	336.31 mm (13.24 in.)
Area	145839.33 mm ² (226.05 in. ²)	201073.02 mm ² (311.67 in. ²)
Pixel pitch	0.265 mm x 0.265 mm	0.311 mm x 0.311 mm
Pixel per inch (PPI)	96	82
Viewing angle		
Horizontal	178° (typical)	
Vertical	178° (typical)	
Brightness	250 cd/m ² (typical)	300 cd/m ² (typical)
Contrast ratio	1,000 to 1 (typical)	
Display screen coating	Anti-Glare with 3H hardness	
Backlight	LED edgelight system	
Response Time (Gray to Gray)	5 ms (Fast mode) 8 ms (Normal mode)	
Color depth	16.7 million colors	
Color gamut	72% (CIE1931) NOTE: Color gamut (typical) is based on CIE1976 (82%) and CIE1931 (72%) test standards.	
Connectivity	• one x HDMI 1.4 port (HDCP 1.4) • one x DP 1.2 port • one x VGA port • one x USB 3.0 upstream port • two USB 2.0 downstream ports (rear) • two USB 3.0 downstream ports (side)	
Border width (edge of monitor to active area)	5.40 mm (Top/Left/Right) 19.86 mm (Bottom)	6.00 mm (Top/Left/Right) 20.70 mm (Bottom)



Adjustability	
Height adjustable stand Tilt Swivel Pivot	130 mm -5° to 21° -45° to 45° -90° to 90°
Dell Display Manager (DDM)Compatibility	Easy Arrange and other key features
Security	Security-lock slot (cable lock sold separately)

Resolution specifications

Model	S2319HS/S2719HS
Horizontal scan range	30 khz to 83 khz (automatic)
Vertical scan range	56 Hz to 76 Hz (automatic)
Maximum preset resolution	1920 x 1080 at 60 Hz
Video display capabilities (VGA & DP & HDMI playback)	480i, 480p, 576i, 576p, 720p, 1080i, 1080p

Preset display modes

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal/ Vertical)
VESA, 640 x 480	31.5	60.0	25.2	-/-
VESA, 640 x 480	37.5	75.0	31.5	-/-
IBM, 720 x 400	31.5	70.0	28.3	-/+
VESA, 800 x 600	37.9	60.0	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 1024	64.0	60.0	108.0	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+
VESA, 1600 x 900	60.0	60.0	108.0	+/+
VESA, 1920 x 1080	67.5	60.0	148.5	+/+



Electrical specifications

Model	S2319HS/S2719HS
Video input signals	<ul style="list-style-type: none"> • Digital video signal for each differential line Per differential line at 100 ohm impedance • VGA/DP/HDMI signal input support
Input voltage/frequency/current	100-240 VAC / 50 or 60 Hz \pm 3 Hz / 1.5 A (maximum)
Inrush current	120 V: 30 A (Max.) at 0 °C (cold start) 240 V: 60 A (Max.) at 0 °C (cold start)

Physical characteristics

Model	S2319HS	S2719HS
Signal cable type	<div><div>• Digital: DisplayPort, 20 pins</div><div>• Digital: HDMI, 19 pins</div><div>• Analog: D-Sub, 15 pins</div><div>• Digital: USB, 9 pins</div></div>	
Dimensions (with stand)		
Height (extended)	481.1 mm (18.94 in.)	524.3 mm (20.64 in.)
Height (compressed)	351.1 mm (13.82 in.)	394.3 mm (15.52 in.)
Width	520.0 mm (20.47 in.)	609.9 mm (24.01 in.)
Depth	166.0 mm (6.54 in.)	185.0 mm (7.28 in.)
Dimensions (without stand)		
Height	311.7 mm (12.27 in.)	363.0 mm (14.29 in.)
Width	520.0 mm (20.47 in.)	609.9 mm (24.01 in.)
Depth	41.3 mm (1.63 in.)	42.8 mm (1.69 in.)
Stand dimensions		
Height (extended)	400.8 mm (15.78 in.)	418.4 mm (16.47 in.)
Height (compressed)	353.4 mm (13.91 in.)	371.0 mm (14.61 in.)
Width	206.0 mm (8.11 in.)	245.0 mm (9.65 in.)
Depth	166.0 mm (6.54 in.)	185.0 mm (7.28 in.)
Base	206.0 mm x 166.0 mm (8.11 in. x 6.54 in.)	245.0 mm x 185.0 mm (9.65 in. x 7.28 in.)



Weight		
Weight with packaging	7.00 kg (15.43 lb)	9.05 kg (19.95 lb)
Weight with stand assembly and cables	5.11 kg (11.27 lb)	6.67 kg (14.70 lb)
Weight without stand assembly (For wall mount or VESA mount considerations - no cables)	3.11 kg (6.86 lb)	4.35 kg (9.59 lb)
Weight of stand assembly	1.67 kg (3.68 lb)	1.93 kg (4.25 lb)

Environmental characteristics

Model	S2319HS/S2719HS	
Compliant standards		
<ul style="list-style-type: none">• ENERGY STAR Certified Monitor• TCO Certified Display• RoHS Compliant• BFR/PVC Free monitor (excluding external cables)• Arsenic-Free glass and Mercury-Free for the panel only		
Temperature		
Operating	0°C to 40°C (32°F to 104°F)	
Non-operating	<ul style="list-style-type: none">• Storage: -20 °C to 60 °C (-4 °F to 140 °F)• Shipping: -20 °C to 60 °C (-4 °F to 140 °F)	
Humidity		
Operating	20% to 80% (non-condensing)	
Non-operating	<ul style="list-style-type: none">• Storage: 10% to 90% (non-condensing)• Shipping: 10% to 90% (non-condensing)	
Altitude		
Operating	5,000 m (16,404 ft) (maximum)	
Non-operating	12,192 m (40,000 ft) (maximum)	
Thermal dissipation		
S2319HS	131.37 BTU/hour (maximum) 51.18 BTU/hour (typical)	
S2719HS	184.26 BTU/hour (maximum) 56.62 BTU/hour (typical)	



Power Management Modes

If you have VESA's DPM-compliant video card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. This is referred to as power save mode¹. If the computer detects input from the keyboard, mouse, or other input devices, the monitor automatically resumes functioning. The following table shows the power consumption and signaling of this automatic power saving feature.

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VESA modes	Horizontal sync	Vertical sync	Video	Power indicator	Power consumption
Normal operation	Active	Active	Active	White	38.5 W (maximum) ² 15 W (typical)
Active-off mode	Inactive	Inactive	Off	White (Glowing)	Less than 0.3 W
Switch off	-	-	-	Off	Less than 0.3 W

Power Consumption P_{on}	11.9 W
Total Energy Consumption (TEC)	37.6 kWh

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VESA modes	Horizontal sync	Vertical sync	Video	Power indicator	Power consumption
Normal operation	Active	Active	Active	White	54 W (maximum) ² 16.3 W (typical)
Active-off mode	Inactive	Inactive	Off	White (Glowing)	Less than 0.3 W
Switch off	-	-	-	Off	Less than 0.3 W

Power Consumption P_{on}	14.2 W
Total Energy Consumption (TEC)	44.6 kWh

