

## Monitor specifications

Model	P1917S/P1917SWH	P2017H
Screen type	Active matrix - TFT LCD	
Panel type	In-Plane Switching Technology	
Viewable image		
Diagonal	480.00 mm (19.00 in)	494.11 mm (19.45 in)
Horizontal, Active Area	374.78 mm (14.76 in)	433.92 mm (17.08 in)
Vertical, Active Area	299.83 mm (11.80 in)	236.34 mm (9.30 in)
Area	1123.70 cm <sup>2</sup> (174.17 in <sup>2</sup> )	1025.53 cm <sup>2</sup> (158.96 in <sup>2</sup> )
Pixel pitch	0.293 mm x 0.293 mm	0.271 mm x 0.263 mm
Pixel per inch (PPI)	86	94
Viewing angle (vertical / horizontal)	178° (vertical) typical 178° (horizontal) typical	
Brightness	250 cd/m <sup>2</sup> (typical)	
Contrast ratio	1000: 1 (typical) 4 Million: 1 (Dynamic)	
Aspect ratio	5:4	16:9
Display screen coating	Anti-glare with 3H hardness	
Backlight	White LED edgelight system	
Response time	6 ms (gray to gray - fast mode) 8 ms (typical - normal mode)	
Color depth	16.7 million colors	
Color support	84% (CIE 1976), 72% (CIE 1931)	
Built-in devices	USB 3.0 super-speed hub (with 1x USB 3.0 upstream port, 2x USB 3.0 downstream ports and 2x USB2.0 downstream ports)	
Dell display manager compatibility	Yes	

Connectivity	1xDP (ver 1.2) 1xHDMI (ver 1.4) 1xVGA 1xUSB3.0 port - Upstream 2xUSB3.0 port - Side 2xUSB2.0 port - Bottom
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Border width (edge of monitor to active area)	16.9mm (Top)	18.1mm (Top)
	15.4mm(Left/Right)	13.8mm(Left/Right)
	17.6mm(Bottom)	18.8mm(Bottom)
Security	Security lock slot (cable lock sold separately)	
Adjustability	Height adjustable stand (130mm) Tilt (5°/21°) Swivel (45°) Pivot (90°)	

<b>Model</b>	<b>P2217/P2217Wh</b>
Screen type	Active matrix - TFT LCD
Panel type	Twisted Nematic
Viewable image	
Diagonal	558.68 mm (22.00 in)
Horizontal, Active Area	473.76 mm (18.65 in)
Vertical, Active Area	296.10 mm (11.66 in)
Area	1402.80 cm <sup>2</sup> (217.43 in <sup>2</sup> )
Pixel pitch	0.282 mm x 0.282 mm
Pixel per inch (PPI)	90
Viewing angle (vertical / horizontal)	160° (vertical) typical 170° (horizontal) typical
Brightness	250 cd/m <sup>2</sup> (typical)
Contrast ratio	1000: 1 (typical) 4 Million: 1 (Dynamic)
Aspect ratio	16:10
Display screen coating	Anti-glare with 3H hardness
Backlight	White LED edgelight system
Response time	5 ms (black to white)
Color depth	16.7 million colors
Color Support	84% (CIE 1976), 72% (CIE 1931)
Built-in devices	USB 3.0 super-speed hub (with 1x USB 3.0 upstream port, 2x USB 3.0 downstream ports and 2x USB2.0 downstream ports)
Dell display manager compatibility	Yes

Connectivity	1xDP (ver 1.2) 1xHDMI (ver 1.4) 1xVGA 1xUSB3.0 port - Upstream 2xUSB3.0 port - Side 2xUSB2.0 port - Bottom
Border width (edge of monitor to active area)	16.8mm (Top) 14.8mm(Left/Right) 17.5mm(Bottom)
Security	Security lock slot (cable lock sold separately)
Adjustability	Height adjustable stand (130mm) Tilt (5°/21°) Swivel (45°) Pivot (90°)

## Resolution specifications

Model	P1917S/P1917SWH	P2017H	P2217/P2217Wh
Horizontal scan range	30 kHz to 81 kHz (automatic)	30 kHz to 83 kHz (automatic)	
Vertical scan range	56 Hz to 76 Hz (automatic)		
Maximum preset resolution	1280 x 1024 at 60 Hz	1600 x 900 at 60 Hz	1680 x 1050 at 60 Hz

## Supported video modes

Model	P1917S/P1917SWH/P2017H/P2217/P2217Wh
Video display capabilities (VGA, HDMI & DP playback )	480i, 480p, 576i, 576p, 720p, 1080i, 1080p

## Preset display modes

### P1917S/P1917SWH

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	60.0	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 1024	64.0	60.0	108.0	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+

#### P2017H

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	60.0	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, 1600 x 900	60.0	60.0	108.0	+/+

#### P2217/P2217Wh

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	60.0	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 1024	64.0	60.0	108.0	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+
VESA, 1680 x 1050	65.29	60.0	146.25	-/+

## Electrical specifications

Model	P1917S/P1917SWh/P2017H/P2217/P2217Wh
Video input signals	<ul style="list-style-type: none"> <li>∞ Analog RGB, 0.7 Volts +/-5%, positive polarity at 75 ohm input impedance</li> <li>∞ HDMI 1.4, 600mV for each differential line, 100 ohm input impedance per differential pair</li> <li>∞ DisplayPort 1.2**, 600mV for each differential line, 100 ohm input impedance per differential pair</li> </ul>
AC input voltage/frequency/current	100 VAC to 240 VAC / 50 Hz or 60 Hz $\pm$ 3 Hz / 1.5A (typical)
Inrush current	<ul style="list-style-type: none"> <li>∞ 120 V: 30 A (Max.) at 0°C (cold start)</li> <li>∞ 240 V: 60 A (Max.) at 0°C (cold start)</li> </ul>

## Physical characteristics

Model	P1917S/P1917SWh	P2017H	P2217/P2217Wh
Signal cable type	<ul style="list-style-type: none"> <li>∞ Digital: detachable, HDMI, 19 pins.</li> <li>∞ Digital: detachable, DP, 20 pins.</li> <li>∞ Analog: detachable, D-Sub, 15 pins</li> <li>∞ Universal Serial Bus: USB, 9 pins</li> </ul>		
<b>Dimensions (with stand)</b>			
Height (extended)	499.3 mm (19.66 in)	468.8 mm (18.46 in)	497.4 mm (19.58 in)
Height (compressed)	369.3 mm (14.54 in)	338.8 mm (13.34 in)	367.4 mm (14.46 in)
Width	405.6 mm (15.97 in)	461.5 mm (18.17 in)	503.4 mm (19.82 in)
Depth	180.0 mm (7.09 in)	180.0 mm (7.09 in)	180.0 mm (7.09 in)
<b>Dimensions (without stand)</b>			

Height	334.3 mm (13.16 in)	273.2 mm (10.76 in)	330.4 mm (13.01 in)
Width	405.6 mm (15.97 in)	461.5 mm (18.17 in)	503.4 mm (19.82 in)
Depth	50.3 mm (1.98 in)	50.1 mm (1.97 in)	50.3 mm (1.98 in)
<b>Stand dimensions</b>			
Height (extended)	400.8 mm (15.78 in)	400.8 mm (15.78 in)	400.8 mm (15.78 in)
Height (compressed)	354.4 mm (13.95 in)	354.4 mm (13.95 in)	354.4 mm (13.95 in)
Width	242.6 mm (9.55 in)	242.6 mm (9.55 in)	242.6 mm (9.55 in)
Depth	180.0 mm (7.09 in)	180.0 mm (7.09 in)	180.0 mm (7.09 in)
<b>Weight</b>			
Weight with packaging	6.61 kg (14.57 lb)	6.13 kg (13.51 lb)	7.03 kg (15.49 lb)
Weight with stand assembly and cables	5.13 kg (11.31 lb)	4.73 kg (10.42 lb)	5.33 kg (11.75 lb)
Weight without stand assembly (no cables)	2.60 kg (5.73 lb)	2.40 kg (5.29 lb)	3.00 kg (6.61 lb)
Weight of stand assembly	2.10 kg (4.63 lb)	2.10 kg (4.63 lb)	2.10 kg (4.63 lb)
Front-frame gloss	2 - 4	2 - 4	2 - 4

## Environmental characteristics

Model	P1917S/ P1917SWH	P2017H	P2217/P2217WH
<b>Compliant Standards</b>			
<p>Energy Saver feature for Energy Star certified Monitor</p> <p>EPEAT Gold registered in the U.S. EPEAT registration varies by country. See <a href="http://www.epeat.net">www.epeat.net</a> for registration status by country.</p> <p>TCO-certified display</p> <p>BFR/PVC- Free monitor (excluding external cables)</p> <p>Energy Gauge shows the energy level being consumed by the monitor in real time</p>			
<b>Temperature</b>			

Operating	0°C to 40°C (32°F to 104°F)		
Non-operating	∞ Storage: -20°C to 60°C (-4°F to 140°F) ∞ Shipping: -20°C to 60°C (-4°F to 140°F)		
<b>Humidity</b>			
Operating	20% to 80% (non-condensing)		
Non-operating	∞ Storage: 10% to 90% (non-condensing) ∞ Shipping: 10% to 90% (non-condensing)		
<b>Altitude</b>			
Operating (maximum)	5,000 m (16,400 ft)		
Non-operating (maximum)	12,192 m (40,000 ft)		
Thermal dissipation	∞ 129.7 BTU/ hour(maximum)	∞ 133.1 BTU/ hour(maximum)	∞ 136.6 BTU/ hour(maximum)
	∞ 47.8 BTU/ hour(typical)	∞ 44.4 BTU/ hour(typical)	∞ 51.2 BTU/ hour(typical)

## Power management modes

If you have VESA's DPM™ compliance display 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 Mode\*. 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.

\* Zero power consumption in off mode can only be achieved by disconnecting the main cable from the monitor.

### P1917S/P1917SWh

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	38 W (maximum)** 14 W (typical, without USB load)
Active-off mode	Inactive	Inactive	Blanked	White (Glowing )	Less than 0.3 W
Switch off	-	-	-	Off	Less than 0.3 W
<b>Energy Star</b>			<b>Power Consumption</b>		
P <sub>on</sub>			13.0 W		



$E_{TEC}$	44.3 kWh
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### P2017H

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	39 W (maximum)** 13 W (typical, without USB load)
Active-off mode	Inactive	Inactive	Blanked	White (Glowing )	Less than 0.3 W
Switch off	-	-	-	Off	Less than 0.3 W
<b>Energy Star</b>			<b>Power Consumption</b>		
$P_{on}$			12.0 W		
$E_{TEC}$			42.3 kWh		

### P2217/P2217Wh

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	45 W (maximum)** 18 W (typical, without USB load)
Active-off mode	Inactive	Inactive	Blanked	White (Glowing )	Less than 0.3 W
Switch off	-	-	-	Off	Less than 0.3 W
<b>Energy Star</b>			<b>Power Consumption</b>		
$P_{on}$			15.2 W		
$E_{TEC}$			48.5 kWh		

\*\* Maximum power consumption with max luminance.

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