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# HP Flat Panel Monitor L1955 - Specifications

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## Panel specifications

Panel	
Type	Active matrix TFT (thin film transistor); anti-glare/anti-static coatings
Viewable image area (diagonal)	48.25 cm (19 inches) maximum viewable
Screen opening (W x H)	38.0 x 30.5 cm (14.9 x 12.0 in)
Viewing angle (typical)	<div>Horizontal</div> <ul style="list-style-type: none"><li>Up to 176 degrees</li></ul> <div>Vertical</div> <ul style="list-style-type: none"><li>Up to 176 degrees</li></ul> 10:1 minimum contrast ratio
Brightness (typical)	Up to 250 nits (cd/m²)
Contrast ratio (typical)	Up to 800:1 (typical)
Response rate (typical)	<16 ms (typical, rise + fall)
Pixel pitch	0.294 mm



Panel	
Color depth support	16.7 million colors

## Physical specifications

Physical specifications	
Dimensions (H x W x D)	<p><b>Unpacked with stand</b></p> <ul style="list-style-type: none"> <li>42.7 (minimum) to 56.6 (maximum) x 40.4 x 21.1 cm (16.8 (minimum) to 22.3 (maximum) x 15.9 x 8.3 in)</li> </ul> <p><b>Base area (footprint D x W)</b></p> <ul style="list-style-type: none"> <li>21.1 x 30.9 cm (8.3 x 12.2 in)</li> </ul> <p><b>Panel only (without stand) (H x W x D)</b></p> <ul style="list-style-type: none"> <li>33.5 x 40.4 x 7.9 cm (13.2 x 15.9 x 3.1 in)</li> </ul>
Weight	<p><b>With stand:</b> 7.5 kg (16.5 lb)</p> <p><b>Without stand:</b> 4.75 kg (10.5 lb)</p> <p><b>Without stand:</b> 10.7 kg (23.5 lb)</p>
Tilt range	-5 to + 35 degrees vertical
Swivel range	plus and minus 50 degrees horizontal swivel
Height adjustable	Yes (13 cm/5.1 in adjustment range)
Pivot rotation	Yes, 90 degrees
Base	Ships detached and is removable after installation

## Environmental specifications

Environmental specifications	
Temperature	<p><b>Operating</b></p> <ul style="list-style-type: none"> <li>5 to 35 degrees C (41 to 95 degrees F)</li> </ul> <p><b>Non-operating</b></p> <ul style="list-style-type: none"> <li>-20 to 60 degrees C (-4 to 140 degrees F)</li> </ul>
Humidity	<p><b>Operating</b></p> <ul style="list-style-type: none"> <li>20 to 80% non-condensing</li> </ul> <p><b>Non-operating</b></p> <ul style="list-style-type: none"> <li>5 to 95%</li> </ul>
Altitude	<p><b>Operating</b></p> <ul style="list-style-type: none"> <li>0 to 4,000 m (0 to 13,000 ft)</li> </ul> <p><b>Non-operating</b></p> <ul style="list-style-type: none"> <li>0 to 12,192 m (0 to 40,000 ft)</li> </ul>

## Electrical specifications



Power	
Internal power supply	<b>Internal power supply</b> <ul style="list-style-type: none"> <li>Auto-ranging, 90 to 265 VAC</li> </ul>
Input power	100 to 240 VAC
Nominal current	1.5 A maximum
Frequency	50 to 60 Hz
Average	33 W when displaying standard office software
Typical power consumption	< 40 W
Maximum	< 60 W
Power saving	< 2 W
Off mode	0 W (when master power switch is in the off position)
Power cable length	1.8 m (70 in); non-captive

## Onscreen display (OSD) controls

OSD controls	
Buttons or switches	<ul style="list-style-type: none"> <li>Power on/off</li> <li>3-button OSD</li> <li>second level OSD buttons include dual-input switch, dedicated auto adjust switch</li> </ul>
Languages	English, French, German, Spanish, Italian
User controls	<ul style="list-style-type: none"> <li>Size and positioning</li> <li>Brightness</li> <li>Contrast</li> <li>Clock and clock phase</li> <li>Selectable color temperature</li> <li>Serial number display</li> <li>Mode display</li> <li>Sleeper timer</li> <li>Input selection</li> <li>Factory reset</li> <li>Individual color contrast</li> <li>Full screen resolution</li> </ul>

## Signal interface/performance specifications

Signal interface/performance	
Horizontal frequency	30 to 82 kHz



Signal interface/performance	
Vertical frequency	56 to 75 Hz
Native resolution	<b>Analog</b> <ul style="list-style-type: none"> <li>1280 x 1024 @ 75 Hz</li> </ul> <b>Digital</b> <ul style="list-style-type: none"> <li>1280 x 1024 @ 60 Hz</li> </ul>
Maximum resolution	<b>Analog</b> <ul style="list-style-type: none"> <li>1280 x 1024 @ 75 Hz</li> </ul> <b>Digital</b> <ul style="list-style-type: none"> <li>1280 x 1024 @ 75 Hz</li> </ul>
Preset VESA graphic (non-interlaced)	640 x 480 @ 60 Hz, 72 Hz, 75 Hz 720 x 400 @ 70 Hz
	800 x 600 @ 60 Hz, 72 Hz, 75 Hz
	1024 x 768 @ 60 Hz, 70 Hz, 75 Hz
	1280 x 1024 @ 60 Hz, 75 Hz
Mac mode	832 x 624 @ 75 Hz
	1152 x 870 @ 75 Hz
Preset VGA mode	640 x 480 @ 60 Hz, 72 Hz
Sun mode	1152 x 900 @ 76 Hz
Fail safe mode	Yes (limits out of range signal messages)
Maximum pixel clock speed	140 MHz
User programmable modes	Yes, 15
Anti-glare	Yes
Anti-static	Yes
Asset control	Yes (accessible on HP Compaq Business Desktops featuring Intelligent Manageability)
Default color temperature	Yes (6500k, 9300k, SRGB, Custom User)

## Video input specifications

Video input	
Plug and play	Yes (supports VESA DDC2B; PC2001 compliant)



Video input	
Input signal	<b>Two connectors</b> <ul style="list-style-type: none"> <li>One 15-pin mini D-sub VGA</li> <li>One DVI-I (VGA analog and digital input)</li> </ul>
Input impedance	75 ohms plus and minus 10%
Sync input	<ul style="list-style-type: none"> <li>Separate sync (HSYNC/VSYNC)</li> <li>Composite sync, sync on Green (activated through on-screen display)</li> </ul>
Video cable	<ul style="list-style-type: none"> <li>VGA to VGA</li> <li>DVI-I to VGA</li> <li>DVI-D to DVI-D</li> </ul>
Video cable length	2.0 m (78 in)

## Factory preset display modes

Preset	Pixel Format	Horizontal Freq (KHz)	Horizontal Polarity	Vertical Freq (Hz)	Vertical Polarity	Pixel Clock (MHz)	Source
1	640 x 480	31.469	-	59.940	-	25.175	VGA
2	640 x 480	37.861	-	72.809	-	31.500	VESA
3	640 x 480	37.500	-	75.000	-	31.500	VESA
4	720 x 400	31.469	-	70.087	-	28.322	VGA
5	800 x 600	31.469	+	60.317	+	40.000	VESA
6	800 x 600	48.077	+	72.188	+	50.000	VESA
7	800 x 600	46.875	+	75.000	+	49.500	VESA
8	832 x 624	49.726	+ and -	74.551	+ and -	57.284	MAC
9	1024 x 768	48.363	-	60.004	-	65.000	VESA
10	1024 x 768	56.476	-	70.069	-	75.000	VESA
11	1024 x 768	60.023	+	75.029	+	78.750	VESA
12	1152 x 870	68.68	-	75.06	-	10.000	Mac
13	1152 x 900	71.71	-	76.05	-	105.561	Sun
14	1280 x 1024	63.98	+	60.02	+	108.000	VESA



Preset	Pixel Format	Horizontal Freq (KHz)	Horizontal Polarity	Vertical Freq (Hz)	Vertical Polarity	Pixel Clock (MHz)	Source
15	1280 x 1024	79.97	+	75.02	+	135.000	VESA

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