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HP Flat Panel Monitor L1955 - Specifications

Support

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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)	Horizontal <ul style="list-style-type: none"> Up to 176 degrees Vertical <ul style="list-style-type: none"> Up to 176 degrees 10:1 minimum contrast ratio
Brightness (typical)	Up to 250 nits (cd/m ²)
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>Unpacked with stand</p> <ul style="list-style-type: none"> 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) <p>Base area (footprint D x W)</p> <ul style="list-style-type: none"> 21.1 x 30.9 cm (8.3 x 12.2 in) <p>Panel only (without stand) (H x W x D)</p> <ul style="list-style-type: none"> 33.5 x 40.4 x 7.9 cm (13.2 x 15.9 x 3.1 in)
Weight	<p>With stand: 7.5 kg (16.5 lb)</p> <p>Without stand: 4.75 kg (10.5 lb)</p> <p>Without stand: 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>Operating</p> <ul style="list-style-type: none"> 5 to 35 degrees C (41 to 95 degrees F) <p>Non-operating</p> <ul style="list-style-type: none"> -20 to 60 degrees C (-4 to 140 degrees F)
Humidity	<p>Operating</p> <ul style="list-style-type: none"> 20 to 80% non-condensing <p>Non-operating</p> <ul style="list-style-type: none"> 5 to 95%
Altitude	<p>Operating</p> <ul style="list-style-type: none"> 0 to 4,000 m (0 to 13,000 ft) <p>Non-operating</p> <ul style="list-style-type: none"> 0 to 12,192 m (0 to 40,000 ft)

Electrical specifications

Power	
Internal power supply	Internal power supply <ul style="list-style-type: none"> • Auto-ranging, 90 to 265 VAC
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"> • Power on/off • 3-button OSD • second level OSD buttons include dual-input switch, dedicated auto adjust switch
Languages	English, French, German, Spanish, Italian
User controls	<ul style="list-style-type: none"> • Size and positioning • Brightness • Contrast • Clock and clock phase • Selectable color temperature • Serial number display • Mode display • Sleeper timer • Input selection • Factory reset • Individual color contrast • Full screen resolution

Signal interface/performance specifications

Signal interface/performance	
Horizontal frequency	30 to 82 kHz



Signal interface/performance	
Vertical frequency	56 to 75 Hz
Native resolution	Analog <ul style="list-style-type: none"> • 1280 x 1024 @ 75 Hz Digital <ul style="list-style-type: none"> • 1280 x 1024 @ 60 Hz
Maximum resolution	Analog <ul style="list-style-type: none"> • 1280 x 1024 @ 75 Hz Digital <ul style="list-style-type: none"> • 1280 x 1024 @ 75 Hz
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	Two connectors <ul style="list-style-type: none"> • One 15-pin mini D-sub VGA • One DVI-I (VGA analog and digital input)
Input impedance	75 ohms plus and minus 10%
Sync input	<ul style="list-style-type: none"> • Separate sync (HSYNC/VSYNC) • Composite sync, sync on Green (activated through on-screen display)
Video cable	<ul style="list-style-type: none"> • VGA to VGA • DVI-I to VGA • DVI-D to DVI-D
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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