

LC3760N—HP 37" High Definition LCD TV

Datasheet



Experience HP's word-class color fidelity on a state-of-the-art 37" TV



HP delivers decades of color science and technological leadership in a stylish high-definition¹ TV.

You'll get bright, clear pictures that bring the finest details to life, courtesy of our high performance HDTV LCD panels, which can deliver an astounding dynamic contrast ratio of up to 6,000:1² and set a new standard for black levels for LCD TVs. Enjoy fast-action sports with no motion blur thanks to HP's state-of-the-art as fast as 6 ms response time.² Our advanced video engine combines scene-by-scene contrast adaptation with information about your room's ambient light to deliver an optimum picture. HP's televisions also feature photorealistic sharpness enhancement and our 3D color enrichment system, delivering the detail and color that HP is known for.

Fantastic sound emanates from HP's integrated speaker design that provides 20W of audio power. HP's speaker design is complemented by 3D-surround sound audio technology that can emulate a properly placed 5.1 channel surround system and provides an enhanced home-theater experience.

Included are a comprehensive array of digital and analog inputs, including an integrated HD Tuner and dual HDMI and component-video ports. Analog and digital audio output connectors enable seamless connectivity to external audio speakers or an audio receiver.

Perfect for nearly any décor, our TV features a subtle design with integrated bottom speakers and a classic black finish. The TV's tabletop stand is also detachable for wall mounting.³

- HP Visual Fidelity technologies combine scene-by-scene contrast adaptation with information about your room's ambient lighting to deliver an optimum picture

- Lightning fast response time—as fast as 6 ms—virtually eliminates motion blur
- Low-Reflection TFT Coating suppresses the amount of external reflected light, delivering richer, deeper black tones even in well-lit rooms
- Photorealistic Sharpness Enhancement and 3D Color Enrichment System
- Motion-adaptive noise reduction detects and compensates for motion in pictures, greatly reducing visual noise without reducing picture detail
- Up to 6,000:1 dynamic contrast provides a new standard for LCD black levels
- Extensive digital connectivity includes component, composite, S-Video, and dual HDMI input ports, integrated HD tuner, and analog and optical digital audio outputs
- Ultra-wide 176° viewing angle ensures there's never a bad seat in the room



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¹ High definition (HD) source content varies and will depend on source input, signal, aspect ratio and other factors. HD content may require separately purchased service contract or other fees. HD content may not be available in your service area, check with service provider.

² All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

³ Wall mounting hardware kit sold separately.

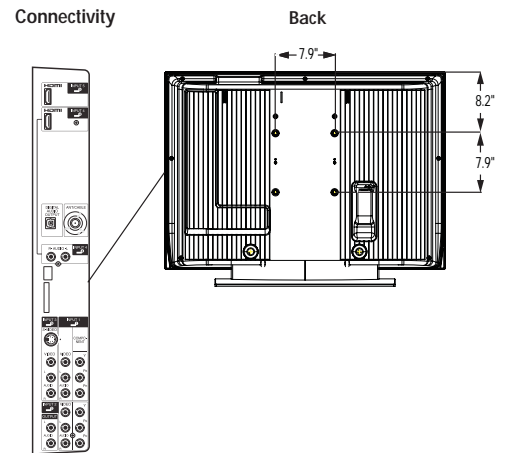
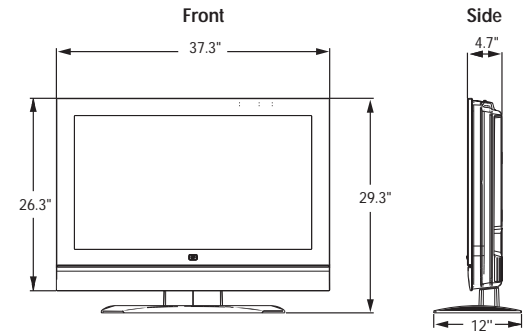


Technical specifications

Video	
Resolution	1366x768
Brightness	up to 450 cd/m ² ¹
Contrast Ratio	up to 1200:1 ¹
Dynamic Contrast Ratio	up to 6000:1 ¹
Displayable Colors	16.7 million colors
Viewing Angle	176 degrees
Response Time	as fast as 6 ms ¹
Panel Life	up to 60000 hours ²
Tuning	
Digital Tuner (ATSC/NTSC/Clear-QAM)	1
Video Enhancers	
Digital Comb Filter	Yes
Video Noise Reduction	Yes
3:2 Pulldown	Yes
Fine Detail Enhancement	Yes
Ambient Light Adaptation	Yes
Auto Contrast Optimization	Yes
Advanced Color Management	Yes
Audio	
No. of Speakers	2
Audio Output	20 watts
Speaker Type	Integrated (Bottom)
Dolby Digital Out	Dolby 5.1
Surround Sound	Yes
Connectivity	
HDMI	2
Component In	2
S-Video In	1
Composite Video In	3
Antenna In (RF)	1
HDMI Audio In (RCA)	1
AV Audio In	4
Audio Out (Analog)	1
Digital Audio Out	1 (Optical)
Convenience	
V-chip	Yes
Closed Captioning	Yes
Sleep On/Off	Yes

¹ All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
² The life is determined as the time at which luminance is 50% compared to that of initial value at the typical lamp current on condition of continuous operation at 25±°C. 60,000 hours equates to more than twenty-three years at seven hours a day viewing.
³ Wireless access point required and is not included. Wireless Internet use requires separately purchased Internet service contract.

Fit/Finish	
Bezel Color	Black
Bezel Finish	Metallic Black
Accessories	
Stand	Detachable (Included)
Speakers	Integrated
Remote	Included
Wall-mounts	Optional/recommended
Media Center/DEC	Optional/recommended
Warranty	
Parts & Labor	1 year
Extended Warranty (3 years)	Optional/recommended
General	
Power Supply	120V AC 60Hz
Power Consumption	186W
Dimensions—with speaker and stand	29.3" x 37.3" x 12"
(H x W x D)	
Dimensions—with speaker, without stand	26.3" x 37.3" x 4.7"
(H x W x D)	
Weight—with speaker and stand	52.9 lb
Weight—with speaker, without stand	47.2 lb
VESA Wall Mount Standard	VESA 200



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