

HP Pavilion md5020n 50" High Definition DLP TV

Datasheet
September 1, 2005



Experience high-definition picture quality—featuring unique HP engineering and impressive sound—on a stylish, 50-inch TV.

HP delivers decades of color science and smart engineering to your living room by way of a stylish, 50-inch microdisplay TV that offers a big, bold high-definition experience. HP Visual Fidelity includes resolution-doubling Wobulation to produce a smoother high-definition picture with lush, vibrant colors and fine detail—virtually free from the “screen door” effect common to microdisplay TVs.

Building on popular DLP™ technology with enhanced contrast ratios and a brighter lamp, action sequences are cleaner, while dramatic scenes are brighter and more stable. HP Visual Fidelity technologies are the power behind the picture, resulting in superior picture definition that you won't find anywhere else.

Enjoying high-definition TV has never been easier! Installation is hassle-free with a lighted front connectivity panel that helps manage cables. Choose from up to ten sources and fine-tune color and sound via the remote and on-screen menus that are easy to understand and use. Four preset picture and four audio modes allow for fast, easy tuning. Simply set modes, save them and then choose what's best for your viewing conditions.



Immerse yourself in thrilling, home-theatre-quality sound. An impressive audio system includes surround capability and an integrated subwoofer, eliminating the need for additional sound components. Stylishly thin, this TV complements any décor and takes up less space than a traditional TV.

- HP Visual Fidelity technologies deliver resolution enhancements that produce fine detail at 720p resolution.
- Lighted front connectivity panel provides easy installation, while on-screen menus, thumbnail source selection and preset video and audio modes provide ease of use.
- 2.1 (85 Watt peak) audio with integrated subwoofer and SRS TruSurround XT™.
- Optional matching stand with enhanced cable management, and CableCARD™ tuner module¹.

¹ HP TV Stand and cable card accessory not included; please purchase separately.

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Technical specifications

Image	<ul style="list-style-type: none">• High-definition picture (720p)• Up to 2200:1 contrast ratio• 150 Watt lamp for ultra-wide viewing angle• Four customizable viewing modes• 6-segment color wheel
Ease of Use	<ul style="list-style-type: none">• Lighted front connectivity panel (industry first) for fast and easy set up• Thumbnail source selection (industry first)• On-screen menus• Built-in cable management
Connectivity	<ul style="list-style-type: none">• Up to ten sources, including HDMI, VGA, component video, S-Video, composite video, and coaxial cable• Tuners for both digital and analog sources; built-in ATSC tuner
Sound	<ul style="list-style-type: none">• 2.1 (85 Watt peak) audio with integrated subwoofer• SRS TruSurround XT™• Four customizable audio modes
Video Formats	480i, 480p, 720p, 1080i, NTSC, PAL
Resolution	720
Bit depth	8-bit
Control Panel	5 side-mounted buttons (On/Off, Channel up/down, Enter, Menu, Volume up/down)
Display Technology Type	Wobulated HD 4 DLP modulator
Audio Description	3 co-axial digital audio inputs, 1 PC audio input, 5 RCA L/R audio inputs, 2 RCA L/R audio outputs, 1 co-axial digital audio output
Lamp Life	6,000 hours to half brightness
Light Source	150-watt DC UHP replaceable lamp
Upgradability	Upgradeable via USB port
Adjustable Features	Viewing modes and settings, audio modes and settings, channels, language

Video compatibility

source	format
Antenna	NTSC, ATSC, 480i/p, 720p, 1080i
Cable	NTSC, ATSC, QAM, ClearQAM, 480i/p, 720p, 1080i
Composite/S-video	NTSC, 480i
Component	480i/p, 720p, 1080i, 1080p
HDMI	480i/p, 720p, 1080i, 1080p, VGA, SVGA, XGA, WXGA, SXGA
VGA	VGA, SVGA, XGA, WXGA, SXGA, 720p, 1080i, 1080p at 60 Hz refresh rate

Operating Environment

Temperature Storage Range: -4 to 140° F (-20 to 60° C); **Maximum Operating Temperature:** 32 to 98° F, 0 to 37° C; **Operating Humidity:** 10 to 80% RH; **Humidity Recommended Operating Range:** 10 to 80% RH;

Storage Humidity: 10 to 80% RH

Dimensions/weight

US: 34.17 x 53.15 x 17.01 in, **Metric:** 868 x 1350 x 432 mm/**US:** 104 lb, **Metric:** 47 kg

Acoustic Power Emissions (peak)

28 dB(A) at 37° C

Power

Type: Built-in universal power supply; **Consumption:** 110 watts maximum

Ordering information

What's in the box?

- HP Pavilion md5020n 50inch High Definition DLP TV
- Remote control
- Batteries
- Power cord
- User's Manual
- Quick Start Guide

HP Product

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Part Number

L1735A

Product Number: L1735A

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