



» [Return to original page](#)

## HP Pavilion w2558hc Monitor - Product Specifications

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■ [Technical specifications](#)

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### Introduction

The HP Pavilion w2558hc is a 25.5-inch wide-screen hdmi monitor with built-in webcam and with liquid crystal display (LCD) and thin-film transistor (TFT) screen.

**Figure 1: Photo of the HP Pavilion w2558hc LCD wide-screen HDMI monitor with built-in webcam**



### Product number

FF621AA and FF621AS

### Features

The HP Pavilion w2558hc LCD wide-screen HDMI monitor with built-in webcam has the following features:

- Built-in 2.0 megapixel webcam designed for low-light conditions
- Built in 15-1 card reader to display photographs and videos
- Ambient light sensor that can automatically make screen adjustments based on room lighting conditions
- A task light to provide soft illumination under the display
- BriteView Technology enhances clarity and provides brilliant colors
- 1920 x 1200 factory-set resolution
- Video inputs supported
  - Two HDMI connectors
  - One DVI-I connector
- Supports High-bandwidth Digital Content Protection (HDCP) to prevent transmission of non-encrypted high definition content
- Plug and Play capability, if supported by your computer system
- On-screen display (OSD) adjustments for ease of setup and screen optimization
- Energy Star compliant

## Technical specifications

LCD feature	Specification
Display size	25.5-inch (64.7 cm) diagonal and viewable image
Display type	Thin-Film Transistor LCD active matrix  BriteView technology
Integrated webcam	Built-in 2.0 megapixel webcam  Fixed lens (no autofocus)  Built-in microphone for audio recording  Blue LED indicator notifies the user when the camera is on
Memory card reader	15-1 memory card reader
Input terminal	Two HDMI connectors (supports HDCP)  One DVI-I (can be used to connect to a VGA port using the adapter cable)
Other connectors	Built-in USB hub with 3 USB 2.0 ports for connecting USB devices to the PC (requires a USB cable connection to the PC).  3.5 mm Stereo mini jack input (for microphone)
Integrated speakers	3 watts per speaker
Scanning frequency	Horizontal scan range 24-94 KHz  Vertical scan range 48-85 Hz
Viewing angle	Horizontal viewing angle: 160 degrees  Vertical viewing angle: 160 degrees
Recommended resolution (H x V)	1920 x 1200 @ 60 Hz
Contrast ratio	Up to 1000:1

Dynamic Contrast ratio	Up to 3000:1  <b>NOTE:</b> Dynamic Contrast Ratios up to 3000:1 during video playback only, depending on series of frames or time duration.
Response time	3 ms (G-to-G typical)
Pixel pitch	0.270 mm
HDCP (High-bandwidth Digital Content Protection)	Support for HDCP enables the monitor to display HDTV resolution if connected by the DVI connector. A monitor without HDCP support, or connected by analog VGA, causes the displayed video to be downgraded in quality to a DVD-like resolution that is less than HDTV.  HDCP is also a content protection system. The goal of HDCP is to prevent transmission of non-encrypted high definition content.
Power source - AC/DC adapter	Input rating: 100 to 240V~  frequency: 50~60Hz  Power consumption: 130 watts maximum power consumption, <2 watts in sleep mode
Operating environment	Temperature: 41 degrees F to 95 degrees F (5 degrees C to 35 degrees C )  Humidity: 20% RH through 80% RH (non-condensing)
Storage environment	Temperature: -29 degrees F to 140 degrees F (-20 degrees C to 60 degrees C)  Humidity: 5% RH through 95% RH (non-condensing)
Dimensions	H x W x D (unpacked):  20.2 x 24.4 x 11.3 inches (51.3 x 62.1 x 28.9 cm)
Weight	Unpacked: 22 lbs (10 Kg)
EMI standard	FCC Class B
Mounting	Standard VESA 4-hole 100 mm x 100 mm
EPA Energy Star	As an Energy Star Partner, Hewlett-Packard has determined that this product meets the Energy Star guidelines for energy efficiency.

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