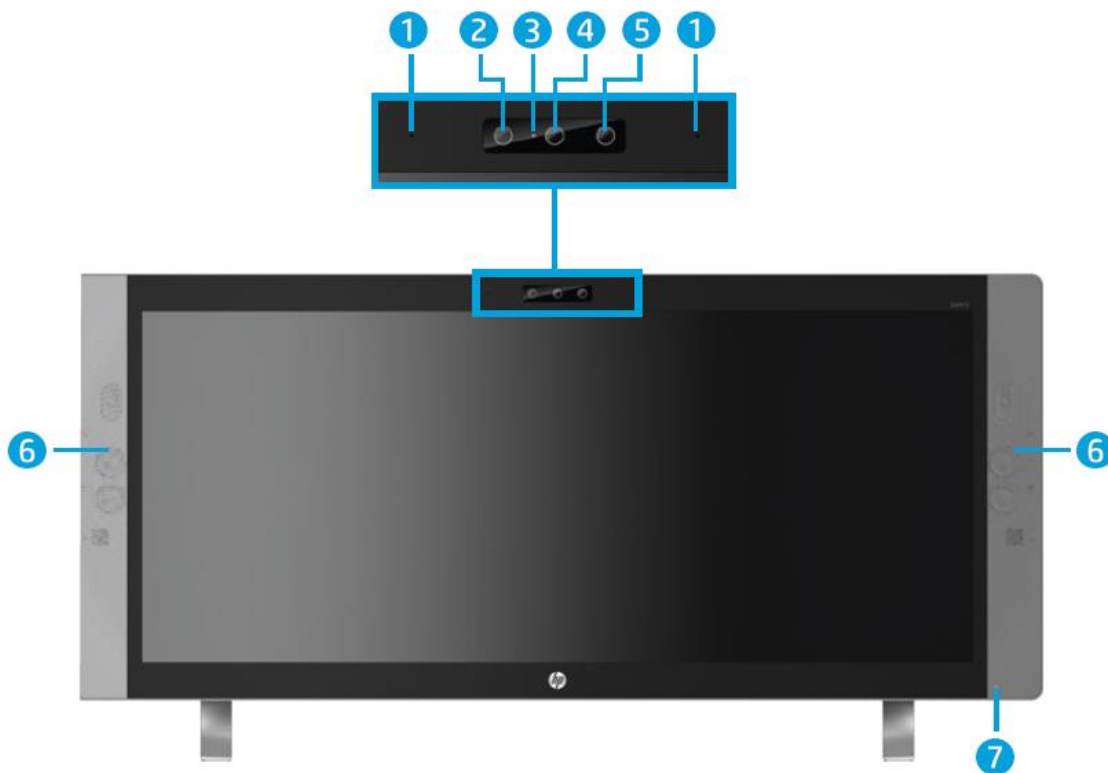


Overview

HP ENVY Pro Curved All-in-One Desktop PC

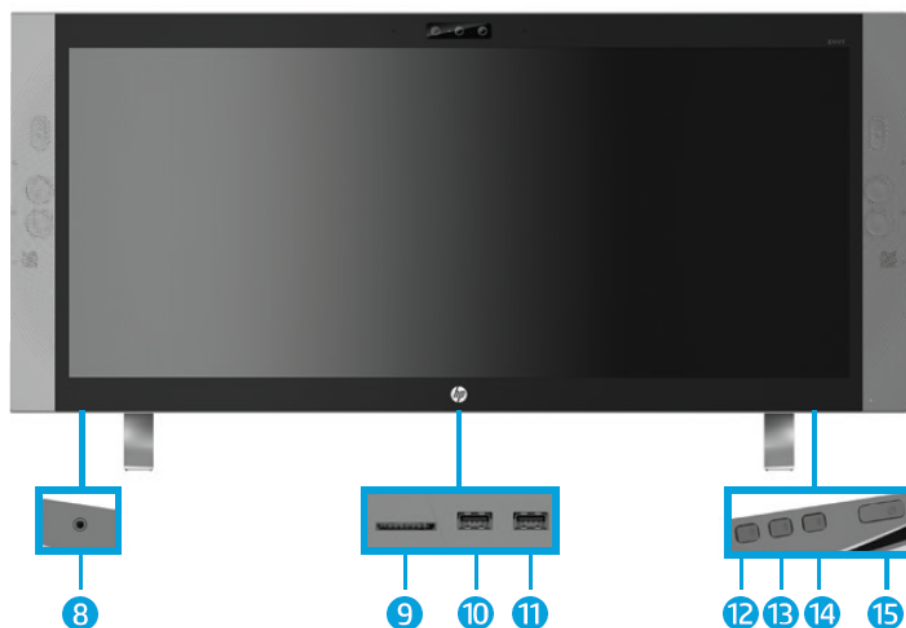


Front

- 1. Internal microphones (2)
- 2. IR camera
- 3. Webcam activity LED
- 4. Webcam

- 5. IR projector
- 6. Speakers (6)
- 7. Power light

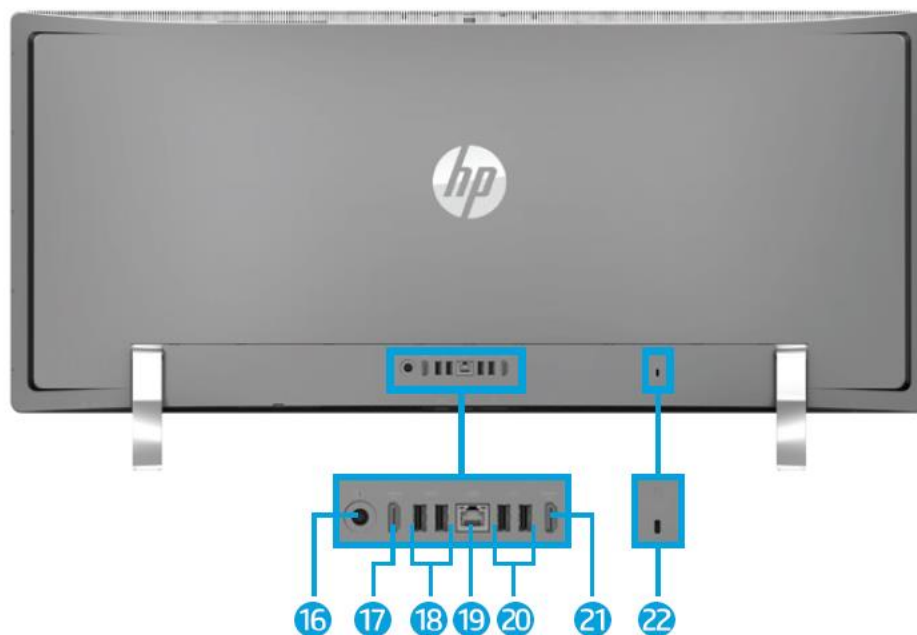
Overview



Bottom

- | | | | |
|-----|--|-----|------------------------|
| 8. | Audio-in (microphone)/audio-out (headphone) combo jack | 12. | Volume/down button |
| 9. | Memory card reader | 13. | Input switch/up button |
| 10. | USB 3.0 charging (powered) port | 14. | Menu/OK button |
| 11. | USB 3.0 port | 15. | Power button |

Overview



Back

- | | |
|--------------------------|-------------------------|
| 16. Power connector | 20. USB 2.0 ports (2) |
| 17. HDMI-out port | 21. HDMI-in port |
| 18. USB 3.0 ports (2) | 22. Security cable slot |
| 19. RJ-45 (network) jack | |

Overview

AT A GLANCE

- Compact all-in-one form factor
- Windows 10 Pro 64 operating system
- 21:9 aspect ratio, high resolution Ultra WQHD (3440x1440), sRGB color, 34-inch diagonal Curved display
- Technicolor Color Certified
- Intel® H170 chipset supporting Intel 6th generation Core™ i7 processor
- Processor support up to 35W
- Intel HD® Graphics 530
- NVIDIA® GeForce® GTX™ 960A 2GB graphics
- Dual display capability with HDMI output
- HDMI input capability
- 8GB of DDR4 Synchronous Dynamic Random Access Memory (SDRAM)
- HP 256GB Turbo Drive SSD Solid State storage
- Memory Card Reader
- Wired Gigabit Ethernet connectivity
- Wireless 802.11 a/b/g/n/ac
- Bluetooth® 4.0 support
- Intel® RealSense™ 3D Camera
- Combo Microphone/Headphone jack
- Audio by Bang and Olufsen
- 6 Speaker Stereo Sound system
- HP ENVY keyboard and mouse included
- ENERGY STAR®
- EPEAT® Gold compliant*

NOTE: See important legal disclosures for all listed specs in their respective features sections.

Features

PRODUCT NAME

HP ENVY Pro Curved All-in-One Desktop PC

OPERATING SYSTEM

Preinstalled Windows 10 Pro 64*

*Note: Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.

PROCESSORS*

Intel® 6th Generation Core™ i7 Processor

Intel® Core™ i7-6700T Processor

35W

Up to 3.6 GHz Max. Turbo Frequency (2.8 GHz base frequency)

8 MB cache, 4 cores, 8 threads

Intel® HD Graphics 530

Supports DDR4 memory up to 2133 MT/s data rate

* Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

CHIPSET

Intel® 100 Series H170 Chipset

STORAGE*

M.2 Solid State Drives

HP 256GB Turbo Drive SSD - M.2 PCIe Card

* For solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and 36 GB (for Windows 8.1/10) of system disk is reserved for the system recovery software.

Removable Storage

3-in-1 memory card reader*

- Supports Secure Digital (SD, SDHC, SDXC)

* Card sold separately



Features

Memory

8GB (1 x 8GB) DDR4-2133 Synchronous Dynamic Random Access Memory (SDRAM) (Transfer rates up to 2133 MT/s)

NETWORKING/COMMUNICATIONS

Networking

Integrated 10/100/1000 GbE LAN

Wi-Fi and Bluetooth®

Intel 802.11 ac(2x2) WLAN & Bluetooth 4.0 Card*

- Integrated Bluetooth® 4.0 and Wireless LAN 802.11 a/b/g/n/ac
- Dual-band (2.4GHz and 5GHz) 2x2 technology

* Wireless access point and Internet service required and not included. Availability of public wireless access points limited.

DISPLAY

Features

- 34-inch diagonal VA widescreen WLED backlit anti-glare LCD display
- Non-touch
- High resolution Ultra WQHD (3440x1440)*
- Technicolor Color Certified

*Ultra-wide Quad high-definition (Ultra WQHD) content required to view Ultra WQHD images.

Display Panel Specifications:

Type	VA WLED Backlit LCD
Active area (mm)	792.26 x 333.72
Native Resolution (HxV)	3440 x 1440
Aspect ratio	21:9
Pixel pitch (HxV)(mm)	0.231 x 0.231
Contrast ratio (typical)	3000:1
Brightness (typical)	300nits (cd/m ²)
Viewing angle (typical) (HxV)	178 ° x 178 °
Backlight lamp life (to half brightness)	30,000 hours minimum
Color support	Over 16 million colors
Color gamut (typical)	sRGB 98.8%
Anti-glare	Yes
Default color temperature	Warm (6500K)

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

Features

GRAPHICS

Integrated Graphics

Intel® HD Graphics 530 (integrated on processor)*

Discrete Graphics

NVIDIA® GeForce® GTX™ 960A graphics with 2GB GDDR5 dedicated memory

- Native 3D acceleration MSHybrid support for Microsoft® DirectX® 12

AUDIO/MULTIMEDIA

Audio

Audio by Bang & Olufsen*

6 Speaker Stereo Sound System, four woofers and two tweeters

Audio TI Smart Amp

Combo Microphone/Headphone Jack

High Definition Audio

Type

Integrated

HD Audio Codec

Realtek ALC293 codec

Audio I/O Ports

Bottom combo (microphone/headphone) jack (32-K ohm Input Impedance at 0dB gain/1 Ohm Output Impedance)

3.5mm port

Wavetable Syntheses

Yes – Uses OS soft wavetable

Analog Audio

Yes

Internal Speaker

Yes – six speakers

DAC Sampling Rates

44.1 kHz/48 kHz/96 kHz/192 kHz

ADC Sampling Rates

44.1 kHz/48 kHz/96 kHz/192 kHz

Integrated Webcam* and Microphone

Intel® RealSense™ 3D Camera (1920 x 1080, 2 MP)

Integrated microphones

Infrared (640 x 480) camera

*All HP devices which carry the Bang & Olufsen brand are custom-tuned with Bang & Olufsen's acoustical engineers for precise sound experience in business use.

Features

SOFTWARE

NOTE: Software preinstalled on the system depends upon the configuration selected during the ordering process, and may not be available in every region.

Productivity	Intel® WiDi Remote Bing Search HP ePrint Driver ¹ Internet Explorer Homepage (MSN or Bing)
Imaging, Photography, Video & Film	CyberLink YouCam Deluxe Intel® RealSense™ Training Intel® RealSense™ Showcase Link
Security	McAfee Checkbox McAfee LiveSafe (30-day subscription) ²
Support	HP PC Hardware Diagnostics UEFI HP Support Assistant Windows 10 Welcome App HP Documentation HP e-Service (HP e-Service available only in China) HP Setup
Recovery	HP TDC Recovery Solution
Others	HP EULA ENERGY STAR® Certified HP DPC Wallpaper HP MyDisplay OSD Windows HP Support Information

1. Requires an internet connection to HP web-enabled printer and HP ePrint account registration.
2. 30 day trial subscription. Internet access required to receive updates. First update included. Subscription required for updates thereafter.

POWER

Power Supply

180 W external AC power adapter

- 19.5V/9.23A, 89% efficiency

WEIGHT & DIMENSIONS

Weight

13.5 Kilograms (29.8lb)*

Dimensions (w x d x h)

929 x 168.5 x 466.5 mm (36.58 x 6.63 x 18.37 in)*

* Weight and system dimensions may fluctuate due to configuration and manufacturing variances

Features

PORTS/SLOTS

Rear Ports

- 1- HDMI in
- 1- HDMI out
- 2 – USB 2.0
- 2 – USB 3.0
- 1 – RJ-45 10/100/1000 GbE LAN
- 1 – Power connector

Bottom Ports

- 1- Combo Microphone/Headphone Jack
 - 2 – USB 3.0 (1 is a Charging Port)
 - 1 – HP 3-in-1 Media card reader*
- * Card sold separately

KEYBOARD AND MOUSE COMBO

HP white wireless keyboard with volume control & optical mouse nano-dongle kit

SECURITY

Trusted Platform Module (TPM) 2.0
Lock slot Supports HP UltraSlim Cable Lock*

* Lock sold separately or purchased as an optional feature

In the Box

HP ENVY Pro Curved All-in-One Desktop PC
Keyboard and Mouse
External Power Supply
Quick Start Guide

SERVICE AND SUPPORT

HP Services offers limited 1-year warranty options depending on country. On-site service is also available. HP Care Pack Services are extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/lookuptool>. Additional HP Care Pack Services information by product is available at: <http://www.hp.com/go/cpc>. Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details. <http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp>

Technical Specifications

POWER

Unit Environment and Operating Conditions

General Unit Operating Guidelines

- Keep the computer away from excessive moisture, direct moisture and the extremes of heat and cold, to ensure that unit is operated within the specified operating range.
- Leave a 10.2 cm (4 in) clearance on all vented sides of the computer to permit the required airflow.
- Never restrict airflow into the computer by blocking any vents or air intakes.
- Do not stack computers on top of each other or place computers so near each other that they are subject to each other's re-circulated or preheated air.
- Occasionally clean the air vents on the front, back, and any other vented side of the computer. Lint, dust and other foreign matter can block the vents and limit the airflow.
- If the computer is to be operated within a separate enclosure, intake and exhaust ventilation must be provided on the enclosure, and the same operating guidelines listed above will still apply.

Temperature	Operating	41°F to 95°F (5°C to 35°C)
	Non-operating	-22°F to 149°F (-30°C to 65°C)
Relative Humidity (noncondensing)	Operating	10% to 95% @26°C
	Non-operating	5% to 95%
Altitude (unpressurized)	Operating	0 ft to 6561 ft (0 m to 2000m)
	Non-operating	0 ft to 15,000 ft (0 m to 4572 m)
Industry Standard Certifications	UL	Yes
	Australia / NZ A-Tick Compliance	Yes
	FCC Compliance	Yes
	CE Marking Compliance	Yes
	Technicolor Color Certified	Yes

POWER SUPPLY

Efficiency	EPA Level VI 89%
Operating Voltage Range	90 – 264 VAC
Rated Voltage Range	100-240V AC
Rated Line Frequency	50/60 HZ
Operating Line Frequency	47 – 63 Hz
Rated Input Current	180W : 2.52A
DC Output	+19.5V
Power cord length	6.0 ft. (1.83 m)
External Power Adapter	Yes
Total Cord Length	C13 type

Technical Specifications

ENVIRONMENTAL DATA

ENERGY STAR®
EPEAT® Gold compliant*
WEEE compliant
ERP Lot 3 Tier 2
RoHS 2 compliant
Mercury-free display backlights
Arsenic-free display glass
Low Halogen****
CEL
ANZ MEPS

All HP computing products are delivered by SmartWay carriers**

Eligible for recycling or cash back through HP's buyback and recycling program.***

- <http://www.hp.com/go/smbrecycling> (10 units or less)
- www.hp.com/go/businessrecycling (overview of all business related end of use programs)
- Email recycling.quote@hp.com to get a quote or details on recycling programs

Hewlett-Packard Corporate Environmental Information

For more information about HP's commitment to the environment:

Global Citizenship Report

<http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html>

Environment website

<http://www.hp.com/environment>

Eco-label certifications

<http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html>

ISO 14001 certificates:

* EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

**Designation based on actions to reduce transportation-related emissions. SmartWay: US only. (14e) Free recycling in select countries.

***Program may not be available in your area. Check <http://www.hp.com/go/recycling> to see if HP offers free recycling in your area.

**** External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

Environmental Data Eco-Label Certifications & declarations

This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:

- IT ECO declaration
- US ENERGY STAR®
- EPEAT[®] Gold registered in the United States. See <http://www.epeat.net> for registration status in your country.

***NOTE:** This product conforms to the examination standards (2003 version) under JEITA's 'PC Green Label System.

System Configuration

The configuration used for the Energy Consumption and Declared Noise Emissions data for the All-in-One PC model is based on a typically configured PC featuring a hard disk drive, a high efficiency power supply, and a Microsoft Windows® operating system.



Technical Specifications

Energy Consumption (in accordance with US ENERGY STAR® test method)	Consumption		
	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation (Short idle)	44.90 W	45.38 W	45.53 W
Normal Operation (Long idle)	15.16 W	15.44 W	14.81 W
Sleep	1.57 W	1.61 W	1.63 W
Off	0.39 W	0.43 W	0.39 W

Note: Energy efficiency data listed is for an ENERGY STAR® compliant product if offered within the model family. HP computers marked with the ENERGY STAR® Logo are compliant with the applicable U.S. Environmental Protection Agency (EPA) ENERGY STAR® specifications for computers. If a model family does not offer ENERGY STAR® compliant configurations, then energy efficiency data listed is for a typically configured PC featuring a hard disk drive, a high efficiency power supply, and a Microsoft Windows® operating system.

Heat Dissipation*	Heat Dissipation		
	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation (Short idle)	154 BTU/hr	155 BTU/hr	156 BTU/hr
Normal Operation (Long idle)	52 BTU/hr	53 BTU/hr	51 BTU/hr
Sleep	5 BTU/hr	6 BTU/hr	6 BTU/hr
Off	1 BTU/hr	1 BTU/hr	1 BTU/hr

*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)	Sound Power	
	(L _{WAd} , bels)	(L _{pAm} , decibels)
Typically Configured – Idle	3.2	24
Fixed Disk – Random writes	3.2	24

Technical Specifications

Longevity and Upgrading This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the product may include:

- 6 USB ports
- 2 memory slots
- 1 Mini PCIe half-length slot
- 1 MXM 3.0 Type A - 35W slot
- 1 mSATA slot
- 1 2.5" internal bay supporting up to Two 2.5" hard drives (HDD/SSD/SED/SSHD)
- 1 5.25" external supporting optical drive

Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.

Batteries This battery(s) in this product comply with EU Directive 2006/66/EC

Batteries used in the product do not contain:
 Mercury greater the 1ppm by weight
 Cadmium greater than 20ppm by weight

Battery size: CR2032 (coin cell)
 Battery type: Lithium

- Additional Information**
- This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC.
 - This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC.
 - This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).
 - This product is in compliance with the IEEE 1680 (EPEAT[®]) standard at the gold level, see www.epeat.net
 - Plastics parts weighing over 25 grams used in the product are marked per ISO11469 and ISO1043.
 - This product contains 0.0% post-consumer recycled plastic (by wt.)
 - This product is 97.2% recycle-able when properly disposed of at end of life.

Packaging Materials	External:	PAPER/Corrugated	2529 g
	Internal:	PLASTIC/EPS (Expanded Polyethylene)	1400.8g
		PLASTIC/Polyester	51.8 g

The plastic packaging material contains at least 0.0% recycled content.

The corrugated paper packaging materials contains at least 25.0% recycled content.

Material Usage This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at

Technical Specifications

<http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/gse.pdf>):

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants – may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging Usage

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <http://www.hp.com/go/reuse-recycle> or contact your nearest HP sales office.

Technical Specifications

Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/recyclers>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Hewlett-Packard Corporate Environmental Information

For more information about HP's commitment to the environment:

Global Citizenship Report

<http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html>

Eco-label certifications

<http://www8.hp.com/us/en/hp-information/environment/ecolabels.html>

ISO 14001 certificates:

<http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842>

and

<http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf>

Country of Origin

China

Options and Accessories (sold separately and availability may vary by country)

Type	Description	Part #
Optical Disc Drive	External USB ODD	F2B56AA
Security	HP Ultra-Slim Cable Lock	H4D73AA

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Change Log

Date of change:	Version History:	Description of change:
	From v1 to v2	