



HP Pavilion HDX Entertainment Series Notebook PC (a.k.a., The Dragon) Datasheet

Amplify your life with cutting-edge technologies!

- Genuine HD playback with spacious 20.1" WSXGA+ Ultra BrightView widescreen display
- Thunderous audio with 4 Altec Lansing speakers plus built-in HP Triple Bass Reflex subwoofer
- TV when you want it with integrated HP HDTV Hybrid TV Tuner and dockable full-function HP Mobile Remote
- Ultra-realistic high-def playback options with built-in HD DVD-ROM drive and HDMI port
- Exceptional visual scene rendering for 3D gaming, content creation and HD playback with ATI Mobility Radeon™ HD 2600 XT supporting DirectX 10
- Optimal comfort and productivity with screen adjustability plus separate numeric keypad
- High-speed backup and storage options with dual hard drives, eSATA port and Roxio Backup MyPC 2006 Deluxe Edition
- Live video chat and capture with adjustable HP Webcam and dual-array microphones
- Fast and more secure access to your PC and online accounts with integrated fingerprint reader
- Dramatic high-gloss style with Dragon, the new high-impact HP Imprint finish



Self Expression

Whether for YouTube or less public enjoyment, the HDX series delivers the tools and software needed to capture, create and share life experiences.

- muvee autoProducer to make great home movies and slides shows without the hard work
- Roxio Creator 9 Suite for full DVD authoring capability to preserve a lifetime of digital memories
- Serif WebPlus 10 for publication of outstanding interactive web sites
- Adjustable HP Webcam with integrated microphones to capture still photos or short videos and for live video chat

MEGA ENTERTAINMENT!

The Dragon delivers premium audio/video features like never before...

- Spacious 20.1" 20.1" WSXGA+ High-Definition HP Ultra Brightview widescreen display with dual lamps delivers the same color depth as a plasma TV.
- The ATI Mobility Radeon™ HD2600 XT graphics processor delivers exceptional performance with visually intense applications and 3-D games. It uses ATI HyperMemory™ memory management technology that expands the 256MB dedicated graphics memory with system memory on demand to provide more graphics power when needed. Supports DirectX 10.
- HDX Integrated Audio provides a best-in-class audio experience with four discrete Altec Lansing speakers and the integrated HP Triple Bass Reflex Subwoofer. Integrated amplifiers provide approximately 20W total output while supporting a full range of treble and bass frequencies for outstanding stereo.
- HDX integrated audio processor supports the latest external PC audio speaker solutions without the expense of an external sound processor to enable immersion in true HD audio with a full-surround sound experience. Supports the best audio experience possible: 7.1 analog audio.
- Integrated HP HDTV Hybrid TV Tuner lets you watch, record, and pause live TV using Windows Vista™ or the HP QuickPlay TV feature on their notebook. Use ATSC to receive broadcast HDTV transmissions or switch to analog for access to cable or satellite TV programming.
- HP Mobile Full-function Remote conveniently docks into the notebook for easy storage. Press the eject button for easy retrieval. It works even while docked!
- HP QuickPlay for access to DVDs, videos, photos, music, karaoke, streamed or recorded TV – and now games – at the touch of a button. Add music to your slide shows or videos with simple drag-and-drop functionality. Stream, watch live and record TV. Throw an impromptu karaoke party or play preinstalled games. It's time to play!



Key Specifications¹

- Intel® Centrino® Duo processor technology featuring Intel® Core™ 2 Duo processor T7700
- 20.1" WSXGA+ High-Definition HP Ultra Brightview Widescreen Display (1680 x 1050)
- ATI™ Mobility Radeon™ HD 2600 XT with 256MB GDDR3 (dedicated) & up to 2048MB Total Available Graphics Memory
- 4096MB DDR2 System Memory (2 Dimm)
- 400GB (4200RPM) Hard Drive Dual HDD - 200GB x 2(SATA)
- Intel® PRO/Wireless 4965AGN Network Connection & Bluetooth™
- HD DVD ROM with SuperMulti DVD±R/RW Double Layer
- Genuine Windows Vista™ Ultimate 64-bit

Digital Entertainment Unleashed

HP is redefining the home PC experience with the HDX series, a brand new class of notebooks featuring exceptionally large, high-performance displays. Designed for digital entertainment enthusiasts who demand premium A/V features, screaming performance plus unsurpassed style, the HP Pavilion HDX series Entertainment Notebook PC delivers all that and much more. The HP Pavilion HDX series is the convergence of home cinema and portable performance-class desktop PC in a design notable for its breakthrough elegance and exclusive new HP Imprint finish.

Dramatic Desktop Replacement

Leading-edge Intel® Core 2 Duo processors and discrete ATI graphics solutions deliver desktop-caliber performance. A unique hinge allows the screen to be tilted and moved forward or backward for optimal comfort. A separate numeric keypad helps ensure maximum productivity. Performance features abound!

- Exceptional performance for the most demanding 3D games and applications with ATI Mobility Radeon™ HD2600 XT graphics
- eSATA port for high-speed data transfer to external storage devices up to 6 times faster than existing solutions – and perfect for high-def video content recording
- Dual hard disk drives for storing more or backing up data supported by preinstalled Roxio Backup MyPC
- Integrated pre-N Wi-Fi for highest-speed wireless connections
- Fingerprint reader for easy and secure access to the PC and online accounts

Award-Winning Support

HP Support provides best-in-class service when and how you need it.

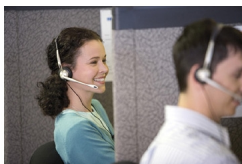
- One-year limited hardware warranty with 24/7 phone support
- Toll-free phone support during warranty @ 1.800.HPINVENT (1.800.474.6836) in the U.S. and Canada
- Email and real-time chat support for the life of the product by clicking on the desktop "help" icon
- Easy-to-use dashboard for system diagnostics and updates with preinstalled Advisor



Dragon, the new high-impact HP Imprint finish



Unique hinge design for screen adjustability



HP Help and Support

¹ Please see page two for disclaimers.

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Datasheet

Specifications

Processor	• Intel® Centrino® Duo processor technology featuring Intel® Core™ 2 Duo processor T7700 (a)(a2) (a3)(b) (c) (c1) (c2)
Processor Speed	• 2.40 GHz
Processor Cache	• 4 MB L2 Cache
Bus Speed	• 800MHz FSB
Memory	• 4096MB DDR2 System Memory (2 Dimm) • Max supported =4096MB
Accessible Memory Slots	• 2
Video Graphics	• ATI™ Mobility Radeon™ HD 2600 XT with 256MB GDDR3 (dedicated) & up to 2048MB Total Available Graphics Memory
Hard Drive	• 400GB (4200RPM) Hard Drive Dual HDD - 200GB x 2(SATA) ^{(b)(a)}
Finish and Features	• HP Imprint Finish, Integrated Webcam & Integrated Fingerprint Reader
Multimedia Drive	• HD DVD ROM with SuperMulti DVD±R/RW Double Layer ^{(a)(c2)}
Display	• 20.1" WSXGA+ High-Definition HP Ultra Brightview Widescreen Display (1680 x 1050)
Network Card	• Integrated 10/100/1000 Gigabit Ethernet LAN (RJ-45 connector)
Wireless Option	• Intel® PRO/Wireless 4965AGN Network Connection & Bluetooth™ ^(d)
Digital Media	• 5-in-1 integrated Digital Media Reader for Secure Digital cards, MultiMedia cards, Memory Stick, Memory Stick Pro, or xD Picture cards
Fax/Modem	• n/a
Audio	• Altec Lansing (4 Panel Mounted and integrated HP Triple Bass Reflex Sub-Wolfer supporting up to 7.1 external speaker configurations)
Keyboard	• 101 key compatible keyboard with scroll bar and integrated numeric keypad - 3 quick launch buttons
Pointing Device	• Touch Pad with On/Off button and dedicated vertical Scroll Up/Down pad
PC Card Slots	• 1 ExpressCard/54 Slot (also supports ExpressCard/34)
External Notebook Ports	• 4 Universal Serial Bus (USB) 2.0 • 2 Headphone out • 1 w/Side Digital Audio • 1 microphone-in • 1 HDMI • 1 VGA (15-pin) • 1 eSata • 1 TV-Out (S-video) • 1 RJ -45 (LAN) • 1 Expansion Port 3 • 1 IEEE 1394 Firewire (4-pin) • 1 Consumer IR (Remote Receiver) • Native External Speaker Configurations Ports • SPDIF, Rear, Center/Sub, Front • Integrated HP HDTV Hybrid TV Tuner: NTSC/ATSC (with F-Jack adaptor) input, S-Video Input, Blaster (IR emitter), Stereo Audio Input
Dimensions	• 18.7" (L) x 13.4" (W) x 2.3" (min H/max H)
Weight	• 15.5lbs
What's in the box	• Mobile Stereo Earbud Headphones (1 pair) • HP HDX Dockable Media Center Remote Control

Security	• Kensington® MicroSaver lock slot • Power-on password • Accepts 3rd party security lock devices
Power	• 180W AC Adaptor • 9-Cell Lithium-Ion battery
Warranty and Support	• 1-Year Limited Hardware Warranty, Toll Free Support (NA) • 1-Year Free Hardware Technical Support • 30-Days Free Software Support (Free 90-Day* Software Support with Product Registration) *from date of purchase

Software

Operating System	• Genuine Windows® Vista Ultimate 64-bit ^{(a)(1)}
Security and Support	• Symantec® Norton Internet Security 2007 (including 60 days complimentary live update) ^(a) • HP Total Care Help & Support Center • PC Recovery (Softhinks Restore Solution) • Wireless Home Network • Roxio Backup MyPC
Productivity and Finance	• Microsoft® Works • Microsoft® Office 2007 Student and Teacher Edition: 60 Day Trial Version ^(a)
Multimedia	• AOL Music • Vongo • HP PhotoSmart Premier • HP Quick Play ^(a) • Muvee AutoProducer • Roxio Creator Premier ^(a) • Serif WebPlus 10 • Adobe® Acrobat Reader
Internet Solutions	Easy Internet Sign-up plans include: ^(a) • AOL® Dial-Up • Microsoft® Internet Explorer



Visit www.hp.com for more details!



^(a) Dual Core is a new technology designed to improve performance of certain software products. Check with the software provider to determine suitability. Not all customers or software applications will necessarily benefit from use of this technology

^(a2) The Intel Inside® and Centrino® logos, Celeron®, Pentium®, Centrino® are registered trademarks of Intel Corporation.

^(a3) This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities. Given the wide range of software applications available, performance of a system including a 64-bit operating system will vary.

^(a4) Intel's numbering is not a measurement of higher performance.

^(a5) GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance.

^(a6) Actual bus speed is less. Listed bus speed represents the equivalent effective throughput for data.

^(a7) Dual Core is a new technology designed to improve performance of certain software products. Check with the software provider to determine suitability. Not all customers or software applications will necessarily benefit from use of this technology.

^(a8) 1 GB = 1 billion bytes. Actual formatted capacity is less.

^(a9) High-Definition content (e.g. WMV HD files) is required to view high-definition images. Most current DVDs do not provide high-definition images.

^(a10) Bluetooth is a trademark owned by its proprietor and used by Hewlett-Packard Company under license.

^(a11) Internet access requires payment of additional fees or subscription for use. Special Offers do not include local telephone company charges, if any, or applicable taxes. Any long distance charges incurred will be the responsibility of the customer. Please make sure your access number is local. A valid credit card is required to initiate the service. This offer is valid in the U.S.A. only. Additional terms and conditions may apply; see particular offers for details. Certain state specific restrictions and exclusions apply.

^(a12) Approximately 1024MB of the hard drive is dedicated for HP QuickPlay and will not be user accessible.

^(a13) Internet access required and sold separately.

^(a14) Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyright-protected materials. Intended only for creation and storage of original material and other lawful uses. Double Layer discs can store more data than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

^(a15) Blu-ray Discs cannot be played on this Notebook PC. Approximately 2048MB of the hard drive is dedicated for HP QuickPlay and will not be user accessible. As HD DVD is a new format containing new technologies, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. Make sure your AC Adaptor is plugged in to an external power source while viewing HD DVD content. Since CPU power is dedicated to support HD DVD playback function, you must close all other applications before launching HD DVD playback. HD DVD movies will only play through HP QuickPlay software. In order for some HD-DVD titles to play, they may require an HDMI digital connection and your display may require HDCP support. Advanced Access Content System (AACS) keys are integrated into your PC for copy protection purposes. Occasional renewal of the AACS key is required, and easily done by connecting to the Internet.

^(a16) Intended for your original content and other lawful uses.

^(a17) The Microsoft® Office Student and Teacher Edition 2007 is a trial version; functionality is reduced after 60 days. The full version is sold separately.

^(a18) Up to 9GB of the hard drive is reserved for the system recovery software.

^(a19) Microsoft® and Windows® are registered trademarks of Microsoft Corporation. Certain Windows Vista product features require advanced or additional hardware. See <http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx> and <http://www.microsoft.com/windowsvista/getready/capable.mspx> for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.