

HP Pavilion HDX 16t - true entertainment system

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HP Pavilion HDX 16t debuted in the second half of 2008 and is part of the HP Pavilion multimedia entertainment line. The device is equipped with Intel Core 2 Duo P7350 2.0 GHz processor, 4 GB RAM, discrete graphics Nvidia GeForce 9600M 512 MB, HDD 250 GB and optional Blu-ray drive. The price of this model is very reasonable - the price on HP's website is 899 USD (only 16.2 million VND) for the basic configuration.



HP Pavilion HDX 16t 16 inch screen. *Photo: LogicHP .*

The HP Pavilion HDX 16t has a unique design with cool tones of titanium metal on the background of lead-colored, abstract-styled silver curls throughout the lid, throughout the rest area and touch pad. This design shows the modern beauty with lots of bright LED lights from outside to inside. The first is the HP logo located on the left edge below the lid and glows when turned on. Inside, right on the keyboard is a row of background LED touch keys that perform multimedia operations and turn on / off Wi-Fi. Like laptops with glossy covers, the HDX 16t has a drawback of being easy to store fingerprints on the lid.

The HDX 16t is considered a "bridge" between thin, light and solid models that replace the desktop. With a 16-inch screen, weighing 3.3 kg, about 43 mm thick, the bidirectional dimensions are 378 x 254 mm respectively.

With average weight and size, the HDX 16t is a bit thick, but maybe that's why it offers a more solid feel when held in hand.

The HDX 16t has a standard keyboard with slightly separate number keys, smooth keys, and comfortable buttons. The upper multimedia touch keys are quite responsive, look very modern with blue / red in the status of on / off speaker or Wi-Fi, in harmony with the outer frame and strip of silver speakers above. Meanwhile, the touch pad is set to the left to keep the center position compared to the main keyboard. Using the touch pad is very smooth, not too slippery and not too much friction as in the touch pad smooth or rough surface. A traditional feature of the HP Pavilion series is that there is an on / off switch with LED on the left to "control" the touch pad's working status.



The casing has a cool color with attractive lines. *Photo: Notebookcheck* .

This version uses a 16-inch LCD mirror screen, 16: 9 aspect ratio, full-HD 1080p resolution, 1,920 x 1,080 pixels with a glossy coating for images with bright colors and high brightness. This screen is not only suitable for watching HD movies from a Blu-ray drive, but also great for watching TV if you choose to add the TV tuner included in the configuration. The mirror cover is easy to cause glare in the morning, but thanks to the high brightness, it is easy to work with the machine in an electric light environment in the room. Wide viewing angles are moderate. When moving horizontally to the edge of the screen, the image will fade and discolor, and it will be more difficult to look at the front when looking from the bottom up.

Altec Lansing loudspeaker system for incredible sound quality because of high volume, strong bass, in addition, can also adjust both bass and treble sound thanks to the integrated touch keys located directly below .

The machine is fully equipped with connectivity. The main communication ports located on the left side of the device include a VGA, HDMI video output, USB / eSATA port integration, an "outdated" Firewire port and the HP Dock port that supports vendor peripherals. In addition, there is an ExpressCard 34/54 expansion card slot and a built-in remote control slot, while the heat sink slots are "discreet" on the left side of the bottom. Next to the Blu-ray drive and 2 USB ports, the bottom edge of the front is a versatile SD / MMC card reader and audio terminals, with up to 2 lines-out to help you and another person share. Enjoy listening to music or watching

movies privately without affecting others.



HP Pavilion HDX 16t is strong in entertainment. *Photo: Mybestlaptop* .

US computer company, HP, which is "flexible" in allowing customers to build their own configurations with 6 CPU options, the most powerful is Intel Core 2 Duo T9900 3.06 GHz and T6600 2.2 GHz for configuration. basic picture. Evaluation version using CPU P7350 2.0 GHz, 4 GB RAM, discrete graphics Nvidia GeForce 9600M 512MB, Blu-ray drive and HDD 250 GB (maximum upgrade to HDD 500 GB).

The features of HDX 16t are strong in entertainment, especially movies with the fast-touch "HP MediaSmart" software suite for watching movies, listening to music and watching TV. Besides, the handy Wi-Fi on / off touch key is very handy and the fingerprint identification security system works quite smoothly.



Multimedia touch keys. *Photo: Laptoplogic .*

The performance power of the HDX 16t is not so remarkable compared to other models in the same segment, but it can completely replace desktop systems for movie entertainment purposes, and even light gaming. Test results evaluate the performance of hardware operating on Windows Vista operating system are quite good.

The Windows Vista Experience index scores 5.0 (absolute 6.0) is much higher than Lenovo X301 (3,4) and also the Alienware m15x (5.1 points) approximation.

With PCMark Vantage assessing the overall performance of software applications on system hardware, the HDX 16t is 3,320, slightly lower than the Lenovo X301's 3.308, and Alienware m15x (3,767).

The graphics capabilities of the new HDX 16t are average when testing 3DMark Vantage only reached 1,225 points, stronger than Lenovo X301 (716) but not comparable to Alienware m15x with the score of 3,351. This result also partly shows that the HDX 16t does not "optimize" the game but can play "middle" 3D games.

When playing *World of Warcraft* at a resolution of 1024 x 768 pixels, the camera produces "smooth" at a speed of 59 frames per second. Also with FEAR game speed only reached 22 frames / second when playing at 1,280 x 1,024 pixel resolution.

The battery life is quite "modest", when watching DVD, HDX 16t only ran for 80 minutes, just enough to enjoy all a movie, if you skip the first and last introductions, much lower than the The average of the desktop replacement line is about 2 hours 30 minutes. Meanwhile it takes nearly 2 hours to fully charge (114 minutes).

In Vietnam, the HP Pavilion HDX 16t is quite rare, popularly configured with Intel Core 2 Duo T6600 2.2 Ghz processor, 4GB RAM, 500GB HDD, NVIDIA GeForce graphics card 9600M 512 MB GT, equipped with DVD burner, and running Windows Vista Home Premium operating system. The machine has a reference price of USD 1,050, equivalent to VND 19.5 million.

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