

## Powerful Acer Extensa 4630

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Acer Extensa 4630 has a very new configuration:

**Product name** Acer Extensa EX 4630-642G25Mn Intel Core 2 Duo T6400 processor (2.0 GHz, 2 MB L2 800MHz FSB) **System memory** 2 GB 667/800 MHz DDR2 SDRAM **Hard disk** 250 GB SATA 5400 rounds per minute 14.1 "WXGA 1,280 x 800 pixel graphics; Intel GMA 4500MHD **Optical drive** DVD +/- RW SuperMulti DL 802.11 bgn **network connection** / NIC 10/100/1000 **Battery / Weight** 6 cell Li-Ion battery / 2.4 kg Win Vista Home Basic **Operating System Other devices** 56K Modem, ReaderCard, Webcam, Bluetooth, FingerPrint Reader

It uses the GM45 chipset, the heart of the Centrino 2 platform, and has a 45nm T6400 CPU clocked at 2.0GHz / FSB 800 - more than enough for any mobile application. T6400 is full of MMX, SSE scripts (up to 4.1), supports 64-bit computing. Notably, it has high-speed network interface with Wi-Fi standard N and Gigabit LAN, which is very convenient for sharing high-speed data in both corporate and digital entertainment environments. The transmission of a Full HD movie via Gigabit LAN is 10 times faster than the popular 100 Mb / s line. What's more, the 250 GB hard drive saves dozens of 1080p movies, thousands of MP3 tracks or high-resolution images at will.



The body is 31 to 41 cm thick.

If you have used the Acer products, you will find the Extensa 4630 very familiar. Still with elegant gray cover, it has a screen size of 14.1 inches, balancing between comfort in use and high mobility. The entire edges are pretty eye-catching curves, without sharp edges that could endanger users like some other products. Besides the Acer logo on the lid, you will see the icon of Signal Up antenna feature of Acer.

The entire keyboard section is designed to bend to create a sense of comfort in data entry. Just above is the speaker and hot keys that allow quick launch of the application and perform some other functions. Notably, the device supports fingerprint security technology, so you will see the top scan right between the left and right keys of the touchpad.

All expansion ports are arranged along the sides of the body. On the back, you'll only see the power port charging and the battery slot only. In terms of a popular product, Extensa has a great connection ability. Besides the three USB ports, memory card reader, LAN Gigabit port, modem port . there's also a VGA port and especially the HDMI port. This shows that the manufacturer also directed Extensa 4630 to a high-end entertainment environment. The appearance of two signal ports allows to plug multiple monitors into the device. In particular, HDMI communication will take care of sending digital image and audio signals to new types of HDTV.



The keyboard is designed to bend.

The first interesting point is that after completing the declaration of personal information for the system, Acer has already divided two parts of the hard disk area. This is very welcome because users can save all their data to the second partition. Later, when you need to reinstall Windows, just format the first partition. All data will still be preserved. Meanwhile, for many other models, including high-end lines, re-dividing the hard drive still forces users to do it themselves.

By default, Acer has a lot of built-in utilities, however, most of them are trial versions that are limited and quite heavy, such as Office 2007 Trials, NTI Media Maker, McAfee Security Center . Notably, , all of Google's tools are available. If you are a "fan" of Google, this detail can be considered a plus.



Fingerprint reader.

During operation, Extensa 4630 is not hot, fans rarely have to run at maximum speed, so generally the machine is very smooth. T6400 CPU with 45 nm dual-core architecture handles applications very quickly. IGP GM45 also has full capabilities to support basic graphics applications. However, since the operating system preinstalled is Windows Vista Home Basic, it is not possible to enjoy the Vista Aero interface unless upgraded to a higher version.

In terms of performance, the tested Extensa 4630 642G25Mn version achieved 2600 points in PC Mark Vantage. With 3D Mark 06, the graphics score is somewhat modest at 691. However, this is not surprising because IGP GMA4500MHD is not designed for gaming purposes. Of course, other entertainment needs such as watching HD movies are protected even if you want to enjoy 1080p movies. In this case, you may want to plug in an external monitor via the HDMI interface that Acer has available on the side of the device.

For mobile needs, Extensa 4630 weighs only 2.35 kg with a 6-cell standard battery and measures 338 x 247 x 31/41 mm relatively neat. Although it is not possible to put the device in my bag as comfortably as netbooks, carrying around does not cause any trouble.

The standard 6 cell battery life allows the device to operate continuously for about 4 hours (browsing at medium screen brightness). This is an impressive number for the market segment. In case you need to increase the usage time, you can consider the 9 cell battery solution to double the time of using the device.

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