

Entertainment, gaming with Acer Aspire 5739G

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Acer Aspire 5739G black blue shell. *Photo: Notebookcheck .*

Acer Aspire 5739G is a pretty compact 15.6-inch laptop with dimensions of 372 x 262 x 39 mm, weighing about 2.7 kg. The machine has a simple but firm design. The dark blue shell covered with a beautiful gloss but easy to save fingerprints. Inside is still a glossy black platform that looks healthy but quickly catches dust because of the dark color. The all-plastic keyboard and restroom frame is the signature of the Acer Aspire, certainly but not very subtle with the embossed rough surface. Highlights above the keyboard are a pair of stereo speakers and a system of integrated touch keys on a large circle that looks like a zoom button. When turned on the machine will have blue light rays emanating very fanciful.

The plastic lid is not good enough to protect the screen inside so that when pressed hard, the displayed image will become blurry. But in return, with large and thick hinge joints, the screen is held tight and stable when folded.

Aspire 5739G has a standard keyboard with well-placed floating keys, arranged with separate number keys. The size and bounce of the keys are moderate except for a slightly small navigation key and slightly stiff number keys, because the DVD drive is located just below. Because it is covered with glossy paint, when using, you will feel slightly slippery if your hands have sweat or water. Like the case and chassis, the keyboard catches dust very quickly.

The Acer Aspire 5739G touchpad is not appreciated because the surface of the embossed surface is the same as the entire area, making it not as fast and sensitive as on a smooth surface. But in return, this is a multi-touch touchpad that allows the movement of multiple fingers when in use. Meanwhile, the two mouse buttons are criticized for being "inert" and hard to use.



Standard keyboard with floating keys. *Photo: [Howtobuyalaptop](#)* .

Aspire 5739G is equipped with 15.6-inch screen with HD resolution of 1366 x 768 pixels, using LED lighting technology. The screen has low brightness and contrast with 2 parameters of 168.6 cd / m², 149: 1. So the image is not bright and the colors are not bright enough. Appropriate brightness is set at 87%. Not only that, this mirror screen is easy to cause glare when used outdoors or in bright rooms. Obviously with a laptop that is more entertaining, this screen is not convincing.

But the Aspire 5739G's speaker system is quite complete with a high-end Tuba subwoofer on the nape and 2 stereo speakers just above the keyboard. The sound quality "rips" other 15-inch machines at the same price with large, clear volume and good sound mixing. But the bass is still weak. The speaker is also equipped with two Dolby Home Theater surround sound technologies and Virtual Surround Sound.

It has a full range of traditional communication and new connectivity ports, including VGA, HDMI, FireWire,

USB / eSATA 2.0, with separate "line - in" lines next to the Micro / Headphone jack, 5-in-card reader 1 (MMC, XD, SD, MS and MS Pro). There are 4 USB ports and only equipped with a DVD burner, not a high-end Blu-ray drive. In addition, the Aspire 5739G also has a quality webcam with 1200 x 800 pixel resolution, 30 frames per second recording speed, and fingerprint recognition security between two mouse buttons on the touchpad.



The machine has all kinds of communication ports. *Photo: Notebookreview .*

The advantage of the Intel Centrino 2 P-series CPU is that it is more power-efficient than the T-series. The Intel Core 2 Duo P7350 processor used in the Aspire 5739G only consumes up to 25 Watt. The P7350 clocked at only 2 GHz but compensated for its well-supported processing capability thanks to the 1066 MHz FSB link, 3 MB L2 Cache cache with Intel PM45 Chiset and 4 GB high-speed DDR3 RAM of 1,066 MHz. But the device only runs on 32-bit Windows Vista Home Premium, so it only exploits 3/4 GB of RAM.

Aspire 5739G's ability to handle 3D graphics as well as HD movies is enhanced by the Nvidia Geforce GT 240M high-end graphics card with 1GB of "RAM" RAM, DirectX 10.1 support and technology usage. HD decoding VP3.

According to Notebookcheck's test, the power of CPU P7350 is validated with Cinebench R10 benchmark results of 4,036 points, while OpenGL is 3,059 points. Meanwhile, PCMark 05 test reached 5,377 points, and PCMark Vantage was 3,440 points. Not surprisingly, the 3DMark 06 test evaluated the ability of machine graphics to achieve a high score of 5,837. Nvidia Geforce GT 240M discrete card also supports 3D PhysX game effect technology with 3DMark Vantage benchmark results up to 2,624 points. Vista Index evaluates the performance of the hardware configuration on the Aero graphics of Aspire 5739G, reaching 5/6 points.

In addition to handling good multimedia entertainment applications, Acer Aspire 5739G is also a potential gaming laptop. At a resolution of 1,024 x 768 pixels heavy game like Crysis, the image output "smooth" at 54.7 frames per second, while the ATI Radeon HD 4650 card clocked at only 29 frames per second. . And with Call of Duty 4 game, the output speed is 37.6.

Aspire 5739G uses a 320 GB HDD, turning 5,400 revolutions per minute with an average data transfer rate of 52 MB per second, up to 65.6 MB / sec, minimum 29.7 MB / sec.

When running for a long time, under the heat pressure of the graphics card, the device is quite hot, the lower surface temperature of the machine is up to 51.8 degrees C and the upper surface is 44 degrees C. In the idle "idle" state, the middle temperature The average of the machine is 29.7 degrees. The maximum temperature of the GPU is 75 degrees and the CPU is 40 degrees. Hard drive operates at a stable temperature of 35-40 degrees.

Aspire 5739G uses a 6-cell battery, in the "Power saver" power saving mode on Windows Vista and set the screen brightness to 50%, it maintains a continuous operation time of 4 hours 22 minutes. Also use a Wi-Fi web browser, in normal power mode, and set the maximum brightness of the device to run for 2 hours 22 minutes, but when watching DVD movies, only 1 hour 36 minutes can match the duration of 1 movie. The Aspire 5739G has a decent battery life compared to other 15-inch entertainment laptops, thanks in part to the "Acer PowerSmart" technology that brings its power consumption to about 10.7 - 13.3 Watt when running Windows.

Acer Aspire 5739G mid-range gaming and entertainment laptops introduced in June were officially available in Europe with 3 versions 5739G-664G32Mn, 5739G-734G32Mn, and 5739G-734G50Mn. In particular, the model 5739G-734G32Mn is the most prominent thanks to the Intel Core 2 Duo P7350 processor and the high-end Nvidia Geforce GT 240M graphics card with the price of 800 euros (about 20.5 million VND).

Besides, version 5739G-664G32Mn uses Intel Core 2 Duo T6600 2.2 GHz CPU and cheaper integrated graphics, 700 euros (18 million). The 5739G-734G50Mn costs 800 euros, but uses the ATI Radeon HD 4570 discrete graphics card, which is rated "weaker".

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