

Dell Latitude E5440 review: Sure, good performance, long battery life

Despite being released for a long time, Dell E5440 is still considered one of the most worth buying laptops. In today's article, let TipsMake do a detailed review to get a better look at this Dell laptop.

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The shell

Dell uses high quality plastic for the Latitude E5440. The glass-reinforced lid and Dell logo are centered. Aluminum hinges also make a very strong impression.

Connect



Ports on Latitude E5440

The ports are almost the same as on the E5540 model, however, there is an additional USB port on the back. There is a connector on the underside and the ExpressCard 54 slot on the left. No DisplayPort and eSATA.

Wireless-AC 7260 module for connection range up to 45 meters. The mSATA slot is easily accessible and the SIM card is installed under the battery.

The webcam is a bit bad. The color is not natural, it is not clear in detail and has a dim border even in daylight. It can only meet the requirements for a low resolution video chat. In return, the microphone is somewhat better. Although the ambient noise can affect the voice quality, but the microphone received very loud and clear sound.

Input devices

Keyboard

The keys are spaced about a millimeter apart and have a concave surface. The layout of the keys is very clearly arranged, the bright text is easy to identify. 4-level backlight can be quickly adjusted via function key. Dell Latitude E5440 has also removed the numeric keypad.

The blue trackpoint is found on the keyboard of the Dell Latitude E5440. This 2nd input option is very popular.



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Screen

An important feature of Latitude is the HD + screen with a resolution of 1600 x 900 pixels (131ppi). Dell also has an HD version (1366 x 768 pixels). The AUO matte screen (B140RTN, Dell P / N: M4RTT) is a TN model (Twisted Nematic) so it does not promise perfect viewing angle.

The brightness of the LCD screen makes a good impression with over 300 cd / m². Light uniformity at 84%, can be considered acceptable.

Low-contrast display 242: 1. Color space (Color space) is 37% to 45%, hard to satisfy professional graphic designers.

As you might expect from the TN screen, the Latitude E5440 doesn't have a stable viewing angle. The screen only shows the true image at the ideal viewing angle.

Efficiency

The Dell E5440 is based on an Intel Core i5-4300U CPU (1.9GHz). The processor can run with a maximum of 2.9GHz via Turbo. It is a member of Intel's Haswell generation and has a TDP of 15 Watts.

Dell Laptop tested with 8GB of memory, equipped with an additional Seagate ST500LM000 drive with a total capacity of 500GB. Commonly used data blocks are written to the NAND, resulting in programs that open fairly quickly and booting the system does not take much time.

The clock speed is stable at 2.6GHz in both the Cinebench and stress tests using only Prime95 (multicore in each case). Intel HD Graphics 4400 is responsible for the graphics output. It is a typical component of SoC ULV and is used in most Haswell CPUs. It is clocked at speeds from 200 to 1050MHz.

Gaming is not the strength of Latitude E5440. In fact, this machine can only play games smoothly with average detail, in HD resolution.



Gaming is not the strength of Latitude E5440

Noise and heat

The machine works very quiet. The noise level is only 37dB in the stress test, including simultaneous CPU and GPU loading.

The author of the article let Prime95 and FurMark run simultaneously for an hour. As a result, while the surface is quite cool with a maximum of 28°C, the hottest part of the machine reaches 42°C. The processor performed a stress test at 2.0GHz to reach 70°C, within the Turbo range. Meanwhile, the GPU remains stable at the maximum clock speed (1050MHz).

Speak

The speakers are on the front below the wrist rest. They make a sound towards the table surface, and this surface is used for reflection. The volume can be changed or muted quickly via the speaker button in the upper left. Sound output is quite clear and not distorted even at high volume. The sound of this laptop is acceptable for listening to music or Internet radio in the office.

Conclude

The Latitude E5440 has many advantages such as rugged design, diverse ports for multiple input devices, a bright HD + display, low heat output, good performance and long battery life (about 8 hours if use WiFi).

However, the E5440 model should be replaced with a better webcam to be able to make high-resolution video calls or take pictures with better quality.

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