

Laptops - Fashion and technology

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Not just a device for work, laptops (laptops) today are multimedia entertainment devices and fashion "items". Acer in turn introduced into Vietnam market 4 models of hi-tech quality and HP with 2 models are very "hot".

The machines are stable, fairly cool, have a built-in Windows operating system and have a convenient backup and system recovery utility, except Aspire 5602NWLMi running Linux Linpus. Five machines have the "Windows Vista Capable" logo labeled, except for Acer Aspire 5602NWLMi (see "Configuring Vista" in the article).

Acer Aspire 5602NWLMi

Aspire is a laptop line that replaces Acer's desktop computer, which features a lot of connectors and a bright, clear mirror screen. The Aspire 5602NWLMi is a "standard" in this line. With a simple design, the colored lid cannot be "mixed" with any other firm: white silver, slightly blue. The widescreen 15.4 screen uses Acer CrystalBrite mirror technology for wider, clear and wide-angle images. The highlight of the device is a 1.3Mp webcam above the screen, can rotate 225 degrees but the image quality is not really good: lack of red so the image looks pale and pale; Moreover webcam has no app to tweak. The machine also has quite a number of necessary communication channels. Easy-to-use, simple touchpad keyboard and mouse; The mouse has a convenient 4-way scroll button. Comes with a machine without software, only Linux Linpus operating system installed by default when purchased.

Aspire 5602NWLMi has a "basic" configuration of dual-core models: running Intel Core Duo T2300 1.66GHz CPU, 512MB DDR2 RAM, and a "spacious" 120GB hard drive. PC WorldBench 5 achieved 81 points, not really high. It also has a relatively good battery life (compared to other desktop replacement lines): watch DVDs for more than 2 hours, connect wirelessly, read text and run a mix of applications that take around 2 30 minutes.

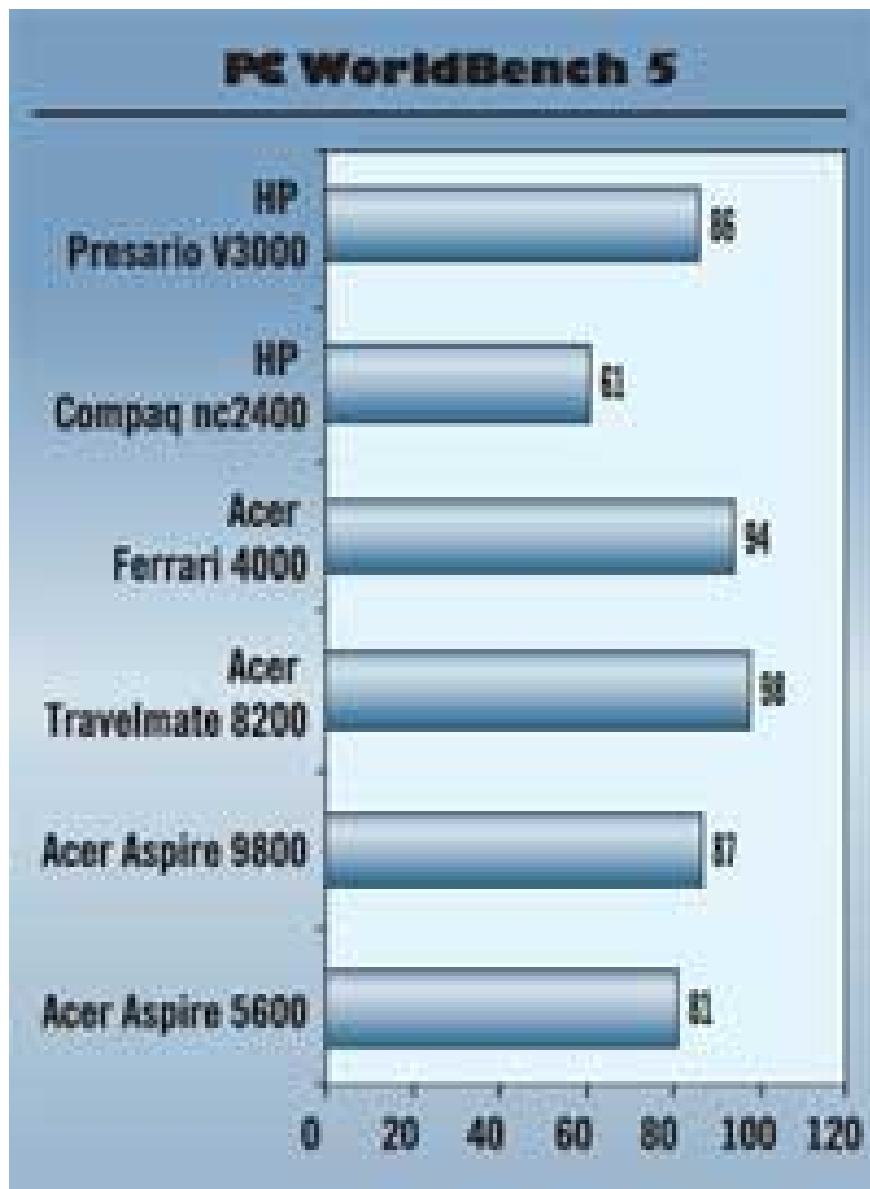
Acer Aspire 9802WKMi



The first time you see it, you will doubt whether this is a laptop or not because of the "oversized" size of the Aspire 9802WKM_i. The first major attraction is a 20.1-inch widescreen CrystalBrite mirror screen with a response frequency of 16ms, quite bright and sharp. However, the actual resolution of the screen is 1680x1050 compared to the size of 20.1, which still does not give a detailed image and sharpness. Above the screen is a 1.3Mp webcam that can be rotated vertically by 30 degrees, used with OrbiCam software from Acer, but in general the image of the webcam is still not natural, the color is still pale. The mouse and keyboard are quite responsive and easy to use. Since there is a lot of space, the Aspire 9802WKM_i "spreads" the keyboard as wide as a keyboard for the desktop, completely separating the number pad to the right. Aspire 9802WKM_i has almost every connection port, even "ancient" ports like Parallel, Serial. It is noteworthy that the machine has RCA and S-video input terminals (using auxiliary cable 1 out 4). However, this input goes through the built-in TV card, so if you use the computer screen to play games (such as PlayStation or Xbox), there will be a signal delay.

Built-in is a TV card with a standard digital terrestrial television receiver and analog television. Comes with a device with a small antenna that you can mount above the screen to catch the wave. You can also use conventional TV antennas to replace this small antenna if the TV signal is weak.

To turn the Aspire 9802WKM_i into a true entertainment center, Acer brings Acer Arcade multimedia software with remote control so you can view photos, movies, TV, listen to music . without having to go operating system. The Arcade program is quite intuitive and easy to use, but the controller is not "sensitive". You can easily record TV shows and schedule recordings. Along the left side of the keyboard is an array of Arcade buttons for multimedia. Multi-format recording is in the form of disk swallowing, quite convenient to manipulate. The speakers are brought forward, making the sound quite loud and good.



The device is quite powerful, running the Intel Core Duo T2300 1.66GHz, DDR2 1GB, NVIDIA GeForce Go7600 graphics and 120GB hard drive. However, the Aspire 9802WKM_i PC's WorldBench score is only quite good: 87 points, some applications run almost the same as the Aspire 5602NWLM junior, such as multi-tasking, Microsoft Office or Photoshop. As for battery life, it is clear that the Aspire 9802WKM_i is a genuine "desktop" device, so the battery life of the device cannot be compared to other models because of the big difference. But in general, the test, Aspire can pass 1 hour.

It comes with Windows XP home SP2 operating system, a set of tweaking and security tools Acer Empowering Technology is very useful and Microsoft Works 8.5 software suite.

Acer Travelmate 8204WML_i

Still very "Acer" style, Travelmate series is for people who have to travel a lot, so Travelmate 8204WML_i is reinforced with Acer's unique carbon fiber shell, the elegant gray checkerboard pattern is elegant and elegant. The 15.4 widescreen display is quite sharp but not very bright and the viewing angle is limited compared to other Acer models using CrystalBrite technology, simply because Acer Travelmate 8204WML_i is not intended for multimedia entertainment. However, the real resolution of the screen is quite high, up to 1680x1050 so the

screen has a large area, very suitable for office users, spreadsheets. Above the screen is a 1.3Mp webcam with a rotation angle of 225 degrees like that of the Aspire 5602NWLMi.

Keyboard layout reasonably, slightly curved up to hug hands. And the touchpad is easy to use and sensitive. The device has a full range of popular communication ports, and it is worth noting that it has security with Smart Card, this is a "hard" key (like a credit card) to access it. In addition, it also has DVI video output for higher definition. The speaker of the device is only "temporarily", giving the volume not really big.



Acer also brought DASP + shockproof technology to the hard drive. Acer takes advantage of this technology to prevent theft with the Anti-theft feature: when turning on this feature in GraviSense tool, it is shockproof, when the hard drive detects movement, the machine will sound a loud and long beep to alert. The GridVista feature of Acer divides your screen into multiple working areas (up to 4 regions), so it's quite convenient in some cases. The phone comes with a small credit card VoIP phone (which can be stored in the PC Card slot), wirelessly connected to the computer via Bluetooth to make Internet phone calls.

Travelmate 8204WMLi has a strong configuration: uses 2GHz Intel Core Duo T2500 CPU, 1GB DDR2, ATI Mobility Radeon X1600 graphics and 100GB 5400rpm SATA hard drive. The WorldBench score was 98, the highest of the 7 tested laptops this month, and this score is similar to the machine configuration. The lead in most tests (except Microsoft Office). In addition, with battery life, Travelmate 8204WMLi is excellent when running very "lead" and rare laptop screen 15.4 can catch up, such as watching DVD reach 3 hours 30 minutes, leading in the group; Wireless 3 hours 41 minutes, reading text up to 4 hours 23 minutes and running mixture also reached more than 4 hours.

Accompanying the machine is the Windows XP Pro SP2 operating system and the tweaking utility suite, recovering Acer's system is Empowering Technology.

Acer Ferrari 4006WLMi

Finally, the Acer Ferrari also returned to Vietnam, which is the Ferrari 4006WLMi model. The Ferrari series was created by Acer to mark the partnership between Acer and the Scuderia Ferrari racing team, so the Ferrari 4006WLMi blends Ferrari's bright red and Acer-specific design. The casing is made of gray carbon fiber, the point adds a bright red border that looks very noble. The inner case instead of the usual bright silver color, is now replaced by black rough plastic, highlighting the beautiful red markings. Ferrari 4006WLMi has many

similarities to Travelmate 8204WMLi in terms of shape and communication channels. Only the optical drive is swallowed and Ferrari does not have a Smart Card key. The keyboard and mouse layout is exactly the same as Travelmate 8204WMLi but Ferrari has no built-in webcam. 15.4 widescreen monitor of the device is quite sharp, bright and supports resolution up to 1680x1050. Note that the Ferrari 4006WLMi wireless card only supports 802.11g standard.

The device is quite configurable and runs AMD's mobile processor: 2.2GHz Turion 64 ML-40, and DDR 1GB RAM, ATI Mobility X700 graphics and 120GB (5400rpm) hard drives. It ranked second this month with 94 WorldBench points, just behind Travelmate 8204WMLi. The most impressive is in the test of Microsoft Office, the machine took the lead. In battery tests with Mobilemark 2005, the device averaged only about 2 hours of DVD playback, 3-hour text reading, mixed runs and wireless connection for about 2 hours 40 minutes.

Included are Windows XP Pro SP2, Acer eManager for system management, NTI's burning toolkit and Cyberlink movies. In addition, it also has a wireless mouse with eye-catching black-red tones, can connect to the device via Bluetooth or via USB.

HP Compaq nc2400 (CNF6240PKK)



HP nc2400 fingerprint identifier

As the "little guy" in the test group this month, the HP Compaq nc2400 is a lightweight device weighing only 1.46kg and about the size of a hard cover book.

Still wearing a mouse coat, the nc2400 is for business people and very compatible with office workers. What NC2400 brings is compact, secure and easy to use. The device has a fingerprint identifier that increases data security. In addition, HP also offers HP Mobile Data Protection anti-shock technology for hard drives at nc2400. However, because there is little space, nc2400 does not have a touchpad-like mouse device as usual, but instead is a type of eraser. 12.1 screen is quite bright but not very sharp, supporting 1280x800 resolution. Above the keyboard is a set of sensor buttons to adjust the volume, turn on / off wirelessly and output to the projector.

The device has a decent configuration in the form of ultra-light laptops: running low-power single-core CPU

Intel Core Solo U1400 1.2GHz, DDR2 512MB RAM and a 60GB hard drive (4200rpm). Nc2400's WorldBench score is only 61 points, but we cannot compare to the other desktop replacement notebooks in the article, most of them run dual-core processors (except Acer Ferrari 4006WLMi running single core). If compared to the ultra-light laptops that Test Lab used to test in previous issues, the score of 61 is not really impressive. The battery life of nc2400 is also quite good: wireless connection, text reading and mixed running are approximately 3 hours, watching DVD for more than 2 hours.



The device comes with Windows XP Pro SP2 operating system, HP's system toolkit and Symantec Norton Internet Security 2006 software.

CONFIGURATION FOR VISTA

Want to know if your existing configuration meets the requirements of the Windows Vista operating system that Microsoft is about to launch? Some "boxed" computers (both desktops and laptops) recently produced by big name companies often have a logo titled "Windows Vista Capable" or "Windows Vista Premium Ready". So what is it like?

When a system is labeled "Windows Vista Capable", it means that the system meets the most basic configuration to run Windows Vista that Microsoft offers.

The minimum configuration for "Windows Vista Capable" is: at least 800MHz CPU speed, 512MB RAM, DirectX 9 graphics processing capability and 15GB free hard drive to run the operating system and system "core" features system.

But if you want to run more advanced versions of Windows Vista, run the new Windows Aero graphical interface, then the system must meet the higher configuration, and Microsoft has a high-end "Windows Vista Premium Ready" configuration. This configuration requires a minimum of 1GHz CPU, 1GB of RAM and a GPU with WDDM support (Windows Display Driver Module), Pixel Shader 2.0 at hardware level and 32-bit color depth.

Please refer to the details at <http://www.microsoft.com/windowsvista/getready/default.mspx>.

HP Presario V3000 (V3012TU)

The most fashionable of these 7 models is the Presario V3000, which aims to entertain both home and office users. Also with the main color is mouse-gray hair but the cover is covered with glossy plastic with bright stripes that look very fashionable. Add that beauty to the mirror screen with HP's BrightView technology, which is

"glossy", bright but still not very sharp despite the real resolution at 1280x800. The touchpad is also gray and the button is very smooth; The touchpad also has a button to turn on / off the touchpad so that when you type the key, you don't accidentally touch the touchpad. The keyboard button is quite large and sensitive. Above the keyboard is a set of sensor buttons for volume adjustment and HP's DVDPlay DVD player launch button. However, you must boot into the operating system to be able to run this application. The integrated Altec Lansing stereo speakers above the keyboard sound great and very "full". Notably, the Presario V3000's multi-format burner supports HP's Lightscribe technology labeling, which is accompanied by Sonic's burning software.



HP Presario V3000

The device has an average configuration: 1.83GHz Intel Core Duo T2400 CPU, DDR2 512MB and 80GB (5400rpm) SATA hard drive. The machine scored 86 points WorldBench; quite good compared to the Presario V3000's RAM and integrated graphics chip. The most surprising was testing the movie with Roxio VideoWave, it took only 290 seconds and multi-tasking took 511 seconds, second to Travelmate 8204WMLi (280 seconds and 488 seconds respectively). The Presario V3000 also has a respectable battery life: it takes 4 hours to read wireless connection, read 4 hours and 26 minutes of text, run a mix of nearly 4 hours and watch DVDs over 2 hours and 30 minutes.

It comes with Windows XP Home SP2 and other software: muvee Producer, Microsoft Works, Microsoft Money, HP PhotoSmart for image management and recovery tools, tweaking HP's system.

Overall, the Aspire 9802WKM is a good choice if you need a home entertainment device because Aspire has a 20.1 "screen" that is very "overwhelming" and the TV tuner is quite convenient. The HP Compaq nc2400 for business people is a good choice if you need a super-lightweight laptop, especially the nc2400 is guaranteed for up to 3 years. If you need to handle workloads or other "heavy" tasks, the Travelmate 8204WMLi is a good candidate, besides the battery life of the device is also quite long. While Acer Ferrari 4006WLMi is obviously

eye-catching for those who are "cool", there is a bit of speed and favor for AMD. Aspire 5602NWLMi simple, price is quite soft. The Presario V3000 has a "feminine" quality and is the most beautiful "girl" in the 7 models.

FEATURES COMPARISON TABLE

HONG THONG

Configuration

The web of communication

Weight (kg) * / size (cm)

Price (USD)

Acer Aspire 5600 (5602NWLMi) Intel Core Duo T2300 1.66GHz, DDR2 512MB, 120GB hard drive (4200rpm), 15.4 widescreen mirror screen, memory card reader (xD / SD / MS / MS Pro / MMC). VGA, 3 USB 2.0, PC Card, modem / ethernet, 3 audio, Bluetooth, 802.11a / b / g, 1.3Mp webcam. 2.76 / 3.3236.4x27.5x3,6 1199

Acer Aspire 9800 (9802WKMi) Intel Core Duo T2300 1.66GHz, DDR2 1GB, NVIDIA GeForce Go7600 graphics, 120GB hard drive (SATA 5400rpm), mirror screen 20.1, DVD +/- RW (support for DVD + R DL recording), memory card reader 5 in 1. VGA, S-video, DVI, Parallel, Serial, AV input, modem / ethernet, PC card / Express Card, IEEE 1394, 4 USB, Bluetooth, infrared, 802.11 a / b / g, 1.3Mp webcam 7.8 / 8.7 47.5x35,2x6,18 2499

Acer Travelmate 8200 (8204WLMi) Intel Core Duo T2500 2GHz, 1GB DDR2, ATI Mobility Radeon X1600 graphics, 100GB hard drive (SATA 5400rpm), widescreen monitor 15,4, DVD +/- RW (support for DVD + R DL recording), memory card reader 5 in 1. VGA, DVI, S-video, 4 USB 2.0, PC Card slot, Express Card, modem / ethernet, IEEE 1394, 3 audio, Bluetooth, infrared, 802.11a / b / g, 1.3Mp webcam, input AV and S-video. 3 / 3.54 36.4x27,1x2,63-3,8 2249

Acer Ferarri 4000 (4006WLMi) AMD Turion 64 ML-40 2.2GHz, DDR 1GB, ATI Mobility X700 graphics, 120GB hard drive (5400rpm), widescreen monitor 15,4, DVD +/- RW (support for DVD + R DL recording), card reader Remember 5 in 1. VGA, DVI, S-video, 4 USB 2.0, PC Card slot, modem / ethernet, IEEE 1394, 2 audio, Bluetooth, infrared, 802.11g, expansion lane. 3 / 3.57

36.3x26,75x3,05- 3,43 2299 HP Compaq nc2400 (CNF6240PKK) Intel Core Solo U1400 1.2GHz, DDR2 512MB, 60GB hard drive (4200rpm), widescreen monitor 12.1. DVD +/- RW (supports DVD + R DL recording). VGA, DVI, 2 USB 2.0, PC Card slot, modem / ethernet, IEEE 1394, 2 audio, Bluetooth, 802.11a / b / g, expansion lane. 1.46 / 1.82

28.1x 21,19x2,48 1999 **HP Presario V3000 (V3012TU)** Intel Core Duo T2400 1.83GHz, DDR2 512MB, 80GB hard drive (SATA 5400rpm), widescreen mirror screen 14.1, DVD +/- RW (supports DVD + R DL recording and LightScribe disc labels), memory card reader 5 in 1. VGA, S-video, 3 USB 2.0, Express Card slot, modem / ethernet, IEEE 1394, 2 audio, Bluetooth, 802.11a / b / g. 2.45 / 2.9

33.4x23.7x3,9 1399 **Note:** The computer tested with the pre-installed operating system (Aspire 5602NWLMi running Windows XP Pro SP2). Speed test with PC WorldBench 5, battery life with MobileMark 2005. * The weight of the device does not include the adapter / has charged the adapter. All models have 1 year warranty, except HP Compaq nc2400 with 3 year warranty. Price does not include VAT (5%).

Le Duy

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