Lenovo yoga 520 specs pdf

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The Lenovo Yoga 520 is a Windows 10 Home laptop with a 14.00-inch 1366x768 pixel display. It is powered by a Core i7 processor and comes with 8GB of RAM. Lenovo Yoga 520 packs 1TB of HDD storage. The graphics are powered by Nvidia GeForce 940 MX. Connectivity options include Wi-Fi 802.11 ac, Bluetooth and comes with 2 USB ports (2 x USB 3.0), HDMI Port, Multi Card Slot, Lock Slot, headphones and Mic Combo Jack ports. On October 14, 2020, the Lenovo Yoga 520 price in India starts and Rs. 39,490. 1 2.7 (55) 1 2.7 (55) Model Core I3 CPU Guarantee 1 Year Local Manufacturer Guarantee 1 2.7 (55) 1 2.7 (55) 1 2.7 (55) 1 2.7 (55)55) Core i3 CPU Halva model with free Lenovo 1 2.7 (55) 1 2.7 (55) 1 2.7 (55) 1 22. 7 (55) 1 2.7 (55)5) 1 2.7 (55) Mineral grey metallic gold 1 2.7 (55) 1 2.7 (55) 1 2.7 (55) Halava with free backpack Leno 1 2.7 (55) 1 2.7 (55) 1 2.7 (55) 5) 1 2.7 (55) 1 2.7 (55) 1 2.7 (55) Guarantee 2 Years Local Supplier Guarantee 1 2.7 (55) 1 2.7 (55) 1 2.7 (55) 1 2.7 (55) Page 2 I used this laptop but was not happy with it. I'm interested. why I broke it on Mac Book Air. - It wasn't a battery battery - at least two hours later and I felt like I was fooled by its advertising and then all the notes shows when it lasts five hours on a high power lithium-ion battery, so it just doesn't have any display panels since I first used this product. It flickered so much that I couldn't keep using it. I was falling down to Lenovo's customer service, but so far there was no answer.- I thought I could use it as a laptop and tablet, but also no. It would be very weighty if I used the pill, so I also screamed. Ports and CD: 1 HDMI, 3 USB 3.0, 1 Audio-Out Without CD No LAN Other Features: Harman Speakers (en) Dolby Audio 360 Degrees hinge Active Handle Keyboard with Backlight 2x2 Wi-Fi Battery Weight: 200g Manufacturer Details: Hefei Bitland Information Technology Co., Ltd No. 4088 Jiuxiu Road National Hefei Economic Development Area Hefei Anhui China, LCFC (Hefei) Electronics Technology Co., LLC NO.1-3188 ,YUNGU ROAD, HEFEI EXPORT PROCESSING ZONE. ANHUI PROVINCE,CHINA, Da Gong (Shanghai) ComputerNaya Co., Ltd. Tech-Com (Shanghai) Computer Co.6 Ln.58, San Chuang Rd., Songjiang EPH Shanghai, China, Compal Information Technology (Kunshan) CO., LTD. Address: No. 58, 1st Street, Kunshan Export Processing Area, Jiangsu, P.R.O.C. CHINA, Kunshan Hichain Storage Co. Ltd. 88 Xinxiang Road Avenue Kunshan KBK, Wujiang Hichain Warehous LTDNo.2088 Pangjin Road, Wujiang Economic Development Area, Jiangsu, China Packer Details: Hefei Bitland Information Technology Co.Ltd.408 Hefei Economic Technology Development Area Hefei Anhui China, LCFC (Hefei) Electronics Technology Co., LLC NO.1-3188,YUNGU ROAD, HEFEI EXPORT PROCESSING ANHUI PROVINCE,CHINA , Da Gong (Shanghai) ComputerNaya Co., Tech-Com (Shanghai) Computer Co. Ltd.6 Ln.58, San Chuang Rd., Songjiang EPS Shanghai, China, Compal Information Technology (Kunshan) CO., LTD. Address: No. 58, 1st Street, Kunshan Export Processing Area, Jiangsu, P.R.O.C. CHINA, Kunshan Hichain Storage Co. Ltd. 88 Xinxiang Road Avenue Kunshan KBK, Wujiang Hichain Warehouse LTDNo.2088 Pangjin Road, Wujiang Economic Development Area, Jiangsu, China Importer Details: Lenovo (India) Private Limited, RBD Icon, Level 2, Doddanekundi Village, Marathahalli Outer Ring Road, KR Puram Hobli, Bengaluru, 530037, Karnataka, India Country of Origin: China Show for more original German review, here After starting out as an experiment, the Yoga brand has established itself as one of the most important PC series manufacturer PC Lenovo. Over the years, Lenovo has steadily expanded its offerings of yoga-style convertible laptops with 360-degree loops. Along with more expensive models such as the ThinkPad X1 Yoga, this also includes more affordable yoga convertibles such as the Lenovo Yoga 520-14IKB that we are testing today. The Yoga-500 series was introduced in 2015 and is now entering the third generation with The Yoga 520. The 500 designation shows that they are the intermediate range of Lenovo's convertible portfolio, which costs less than 1,000 euros ($1,185; in the US, the 500 series is unavailable, and in the UK 520 starts at 400 pounds). The model number of our test unit, containing 14, indicates that it is equipped with a 14-inch display, which is quite rare among non-commercial laptops. Thus, the field of competitors Yoga 520-14IKB also includes several 13.3-inch laptops: with a price tag of about 800 euros ($950), our test unit is a mid-class model with an i5 processor and 256GB SSD. ProcessorIntel Core i5-7200U 2 x 2.5 - 3.1 GHz, Kaby LakeGraphics adapterMemory8192 MB , DDR4-2400, 1 of 1 slot occupiedDisplay14 inch 16:9, 1920 x 1080 pixel 157 PPI, 10 points, native pen support, BOE NV140FHM-N49, IPS LED, glossy: yesMainboardIntel Kaby Lake-U Premium PCHStorageIntel SSD 600p SSDPEKKW256G7, 256 GB , 164 GB freeSoundcardIntel Kaby Lake-U/Y PCH - High Definition AudioConnections3 USB 3.0 / 3.1 Gen1, 1 HDMI, 1 Kensington Lock, Audio Connections: Combo audio, Card Reader: 4 in 1 SD, 1 Fingerprint ReaderNetworkingIntel Dual Band Wireless-AC 3165 (a/b/g/n = Wi-Fi 4/ac = Wi-Fi 5), Bluetooth 4.1Sizeheight x width x depth (in mm): 19.9 x 328 x 229 (= 0.78 x 12.91 x 9.02 in)Battery53 Wh Lithium-PolymerOperating SystemMicrosoft Windows 10 Home 64 BitAdditional featuresSpeakers: Stereo , 6-Row Chiclet, Keyboard Light: Yes, Lenovo Active Stylus, Lenovo App App Lenovo Companion, Lenovo Settings, McAfee LiveSafe, Microsoft Office Trial, 24 Month GuaranteeWeight1.73 kg (61.02 ounces /3.81 lbs), electricity supply: 210 g (th 7.41 ounces / 0.46 pounds)LinksLenovo homepagepage laptop sectionNote: Manufacturer can use components from various vendors including panels, disks or discs with similar specifications. Add to the comparison Lenovo Yoga 520-14IKBLenovo has updated the design of the entire range of IdeaPads and Yoga 2017. This also includes yoga 520-14IKB, which has a case that is distinctly different from its predecessor, Yoga 510-14IKB. It starts with the color of the case. While yoga 510-14IKB is still a white body, yoga 520-14IKB presents itself in a bright gold tone. As usual in Lenovo's consumer laptops, it's not the only color option, but the Yoga 520-14IKB is also available in black or silver, for example. There is a slight change in the display cover, since there is no Lenovo logo on top anymore, but now the logos are inside under the display and at the bottom of the laptop. In the foreground is now the brand Yoga with a silver chrome logo on the cover of the display. The materials of the case have also changed. In the new model, palm rest and display cover are made of aluminum, while plastic has been distributed in old yoga. Currently, this is only used in the base cover, making the yoga 520-14IKB resemble the IdeaPad 520s-14IKB, which is made of exactly the same case materials. Of course, the display frame is different, since in yoga, the display is behind the glass, which is missing from the regular IdeaPad 520s-14IKB laptop. Aluminum palm rest definitely promotes stability, even if unibody designs have a distinct advantage here. While the area next to the touchpad can hardly be pressed down, the case still has some give in the center of the keyboard if more pressure is applied. The back of the display can also be slightly pressed and you will quickly see some effects on the display. Pulling on both sides, the display cover can be twisted without having to use a lot of force. The base looks better here, as it can hardly be twisted and does not produce creaking noises. While stability is not perfect, at least the skill case is without any flaws. Unfortunately, you can't open the display with one hand. In other ways, two 360-degree loops aren't very convincing either. The display fluctuates too much for our tastes in an unsteady setting or if you use a touchscreen in laptop mode. In this respect, more expensive convertibles often fare better. Top 10 LaptopsMultimedia, Budget Multimedia, Gaming,

Budget Games, Easy Game, Business, Budget Office, WorkStation, Subnobooks, Ultrabooks, Chromebooks under $300/Euros, under $500/Euros, 1.000 Best displays, for university university Top 10 smartphonesSmartphones, phablets, ≤5-inch, Camera SmartphonesNotebookcheck Top 10 Smartphones under 160 euro yoga 520-14IKB advertised by its manufacturer with a narrow display bezel. Indeed, the bezel and thus the size of the case were slightly reduced compared to its predecessor. However, it's still a long way from the real slim bezel design, like the XPS 13 Convertible or Lenovo Yoga 920. Only the Asus zenBook Flip UX360UAK is much more compact in our test field. This also applies to weight, where the zenBook is the only convertible with a weight that is much lower. Compared to the Yoga 510, there is only a very thorough upgrade in Yoga 520. In principle, the diversity of connections has become even worse. While the USB Type-C connection is new, it offers neither DisplayPort nor Thunderbolt 3, and in its place, one of the USB Type-A connections and the Ethernet connection did not have to go. We can't say anything negative in terms of positioning connections. All connections are quite apart and you don't have to worry about them blocking each other. Left: Power Connection, HDMI, USB Type-A 3.0, USB Type-C 3.0, Combo Audio On the Right: Power Key, Recovery Key, SD Card Reader, USB Type-A 3.0, Kensington Lock SD Card Reader is on the right side of the case. Because the inserted SD cards are from the reader, they cannot be used as a permanent storage extension. The performance of the reader's SD card is mediocre. While there are SD card readers who offer transfer rates far more than 100MB/s, this is not the rule. The Dell Inspiron 13 7359, which is equipped with a very slow card reader, shows that there are also much worse. As usual, the card reader tests were performed using the Toshiba Exceria Pro SDXC 64 GB UHS-II reference card. When manufacturers save money, they often do so in places that are not immediately obvious in summary specifications. This includes using a more affordable 1x1 WLAN card such as the Intel Wireless 3165. Although this AC WLAN module works fairly quickly in everyday work, our tests show that performance is clearly limited compared to 2x2 cards. The 720p microphone and integrated webcam are typical laptop solutions that are just good enough for a video call, but pretty bad otherwise. Like its predecessor, the Yoga 520 also includes a touchscreen fingerprint scanner. The fingerprint scanner works flawlessly and allows you to quickly log in via Windows Hello.Touch fingerprint scannerApart from the digital and power pen, Lenovo does not include any other accessories with Yoga 520-14IKB. In general, Lenovo does not include any recovery DVDs or driver CDs.In Yoga 520-14IKB, we see a typical Ultrabook, with a whole-bottom case consisting of one large base cover cover must be removed to gain access to the components. To remove the base cover, you will have to remove ten screws - not a small amount, but these are the last of them are the usual Philips screws. By doing this, you will also have to remove the clamps attaching around the lid. With the spudger tool, you have to open one clip after another. However, since clips can break easily, non-professionals may want to seek help here. Once you've removed the base cover, you'll get access to all components such as the internal battery, the M.2 SSD, one RAM slot, and the fan. Only if you want to remove the keyboard or display will you need to take the system apart further. The look inside of The Yoga 520-14IKB has a standard two-way warranty and offers to bring in the operation where you have to send to the device. Thus, the volume of service corresponds to the market standard for this kind of devices. Please watch our safeguards, refund policies and guarantees of frequently asked questions for a specific country of information. As a laptop manufacturer, Lenovo is known to use good keyboards. Although this reputation originates mainly from the ThinkPad keyboards, IdeaPad and Yoga laptops also have a mostly decent keyboard. We can also confirm this for Yoga 520. The backlit keyboard (two backlight steps) offers sufficient running (which isn't given anymore in modern keyboards), and even if the pressure point isn't ideal, it's still good enough for a long typing. Although the keyboard has some minor give when applying strong pressure, it is stable enough for regular typing. The design of the 2017 IdeaPads and Yoga update also includes a slightly modified keyboard layout. The vertical arrow keys are reduced to half their size to allow room for a larger right-hand shift key. Whether you like this change or not depends on whether you use the right change key. Touchpad Built-in Microsoft Precision touchpad under clickPad keyboard with built-in mouse keys and plastic surface. Even if it's not quite as smooth as a glass surface, it's smooth enough for your fingers not to get stuck when sliding over it. The touchpad software also works flawlessly and almost perfectly, as you might expect from Microsoft's Precision touchpad. The touchpad tap mechanism also gives no reason for complaints, allowing clear and relatively quiet clicks. The ClickPad plate also doesn't stir as it may be in some other laptops. Touch screen and pen Since we are testing the convertible laptop here, the display is of course a 10-point touchscreen. It works flawlessly. The pen included is not a given. It's active based on Wacom's AES technology. The black stylus fits well into the hand and has two small integrated keys, which are however very flat and thus difficult to press. The handle cannot be stored inside the case Units. It works with one AAAA battery. Like the Wacom-AES pen, the digitizer maintains the pressure level of 2048 and handwriting recognition, both of which work very well. You can draw exactly to the brim. The keyboard area of the Digitizer testPixel mesh BOE NV140FHM-N49 A small bleeding backlight makes it easy for yoga buyers 520-14IKB, as there is only one display option. It has a 14-inch display diagonal, Full HD resolution (1920x1080), IPS technology and a reflective display surface. Our test unit has a panel from the BOE manufacturer with the NV140FHM-N49 model number. The display is mediocre in everything and in some aspects is even pretty bad. For example, we were able to detect PWM when the brightness of the display was less than 50% of the maximum value. At 350 Hz, the pwM measured is too low, which can lead to headaches. The average brightness of 247 CD/m2 is not bad in itself, but not very good either. At least the IPS-typical backlight bleeding isn't too strong. In terms of brightness and contrast of the display, there are only small differences between our comparison devices. The only exception is the Asus zenBook Flip UX360UAK, which used a much better LCD panel. Screen flicker / PWM detected 347Hz ≤ 90% brightness settingsI the backlight display flickers at 347 Hz (probably using PWM) Flicker detected with a brightness setting of 90% and below. There should be no flicker or PWM above this brightness setting. The frequency of 347 Hz is relatively high, so most users sensitive to PWM should not notice the flicker. However, there are reports that some users are still sensitive to PWM at 500 Hz and above, so keep in mind. By comparison, 51% of all devices tested do not use PWM to darken the display. If PWM was detected, an average of 17,581 (minimum: 5 - maximum: 250,000) Hz was measured. 255cd/m2265cd/m2252cd/m2244cd/m2255cd/m2244cd/m2220cd/m2241cd/m2243cd/m2 Распределение яркостиBOE NV140FHM-N49X-Rite i1Pro 1Pro2Максимум: 265 cd/m2 Средний: 246.6 cd/m2 Минимум: 3.9 cd/m2Бельство Распределения: 83 %Центр на батарее: 255 cd/m2Contrast: 1214:1 (Черный: 0.21 cd/m2) Цвет 4.5 0,6-29,43 x5,8 E Greyscale 2,96 0.64-98 Ø659% sRGB (Argyll 3D) 38% AdobeRGB 1998 (Argyll 3D) Gamma: 2.3ICC File (X-Rite i1Pro 2) Lenovo Yoga 520-14IKB 80X80097GEBOE NV140FHM-N49, , 1920x1080, 14Lenovo Yoga 510-14IKBBOE0637 / BOE DT NV140FHM-N41, , 1920x1080, 14Dell Inspiron 13 7359-4839Samsung SDC864D / 133HL [Dell P/N: PVFF5], , 1920x1080, 13.3HP Pavilion x360 14-ba011ngChi Mei, , 1920x1080, 13.3Asus Zenbook Flip UX360UAK-BB351TAU Optronics B133HAN02.7, , 1920x1080, 13.3 Response Time Grey 50% / Grey 80% *47 (24, 23) Response Time Black / White *34 (20 , 14) PWM Frequency347 (90)Brightness Distribution83Black Distribution83Black 0.21Contrast1214Colorceker DeltaE2000 4.5Colorceker DeltaE2000 max. 7.21Ggrescal DeltaE2000 2.96Hamma2.3 96%2.38 92%2.28 96%2.45 90%2.66 83%2.42 91%CCT 6965 93%7799 83%6500 100%6953 93%6096 107%6998 93% Color Space (Percentage AdobeRGB 1998)38Color Space (Percentage sRGB)59 ... The smaller the better the color values (calibrated) Saturation (calibrated) Grayscales (calibrated)Strange wave effectFront contrast and black values are at a good level. But the subjective quality of the image does not convince us. This is not due to color reproduction, which can be calibrated easily (as always, the ICC profile is available for download), but because of the strange wave matrix effect. The reason for this effect is not clear to us, as it does not correspond to a typical sensory matrix. The effect can be seen if you are not directly in front of the screen. The values of the display's color cover are also not very good. Only 59% of the sRGB color space is an extremely weak result, making the use of yoga 520-14IKB to process images completely impossible and really shows the level of display quality. This is available IPS panel.sRGB: 59% AdobeRGB: 38% Outdoor use (cloud) Reflective display surface makes outdoor use almost impossible. The brightness of the display is not high enough to overshadow the reflections effectively. You can hardly even use a laptop in the shade. ↔ response time black up to White34ms ... The rise ↗ drop ↘ combined↗ 20ms growth↘ 14 ms fallThe screen shows slow response rates in our tests and will be unsatisfactory for gamers. For comparison, all tested devices range from 0.8 (minimum) to 240 (maximum) ms. 88% of all devices are better. This means that the measured response time is worse than the average for all devices tested (24.4 ms). ↔ 50% grey to 80% Grey47 ms ... The rise ↗ drop ↘ combined↗ 24ms rise↘ 23 ms fallThe screen shows slow response rates in our tests and will be unsatisfactory for gamers. For comparison, all tested devices range from 0.8 (minimum) to 636 (maximum) ms. 75% of all devices are better. This means that the measured response time is worse than the average for all devices tested (38.8ms). As usual for all IPS screens, colors remain stable, even at extreme viewing angles. However, there are still limitations on the stability of the viewing angle: on the one hand, there is a reflective surface of the display, and on the other hand the IPS glow effect. While the latter only really stands out from extreme viewing angles, the glossy surface of the display interferes with everyday work. Viewing the corners of BOE NV140FHM-N49While there are no options in terms of another screen, the user can choose between different configurations of yoga 520-14IKB. 17 models. Lenovo offers two options for the main processor, The Intel Core Core The Core i7-7500U, which are the two most commonly used processors of the Kaba Lake generation. There is no Kaby Lake Update for Yoga yet. In terms of graphics, you should be happy with the Intel HD Graphics 620 for almost every model. Only one model has the capability for the Nvidia GeForce 940MX. All Yoga 520-14IKB models on the German market have 8GB of DDR4-2133 RAM. Working memory is not solder and since there is one slot, there can be a maximum of 16GB of RAM. The main memory will always work in a single-channel mode. There are more options in terms of SSD and HDD: there are models with 256 and 512GB PCIe SSDs, as well as a model with 1TB HDD. HWiNFO CPU-i Cash Billboard Memory SPD-I DelayMonThe Core i5-7200U is a dual-core processor from Intel, which was first introduced in 2016 and belongs to the Kaba Lake generation. Two cores (4 streams thanks to Hyperthreading) run at a base clock speed of 2.5 GHz and 3.1 GHz in Turbo-Boost mode. Replacement of the quad-core i5-7200U Core i5-8250U processor is already on the market. Comparisons with the new processor are available in the CPU benchmark table. Like the ULV Series U processor, Intel tends to set a maximum consumption of 15 W for the Core i5-7200U. However, manufacturers also have the ability to set a lower or higher value. Lenovo made the first in the Yoga 520-14IKB, since the processor can not use its full potential in the Cinebench multi-core test. Within 30 seconds, the processor runs at 3.1 GHz using 12.5 W, after which the clock speed drops to 2.5 GHz and consumption to 8 W. Accordingly, the processor is still far behind its capabilities. Typically, the i5-7200U can reach 330 points in the cinebench-R15 multi-core test without any problems. In yoga 520-14IKB is a maximum of 289 points. And even this result is not supported under constant load, as the result was leveled by only 250 points in the second test run of the Cinebench cycle. Other systems with the i5-7200U, including yoga's own predecessor 510-14IKB, were between 13 and 16% faster. The Core i7-8550U in the pricey Lenovo Yoga 920-13IKB is twice as fast as the i5-7200U in our test unit. At least the processor's performance was not further limited in battery life. 010203040506070809010011101201301401501601701801902002102202302402502602070TooltipCinebench R15 CPU Multi 64 Bit Cinebench R15 OpenGL 64Bit37.5 fpsCinebench R15 Ref. Match 64Bit97.8 %Cinebench R15 CPU Multi 64Bit289 PointsCinebench R15 CPU Single 64Bit124 PointsHelp Despite poor benchmark CPU result, yoga 520 does relatively well in PC-Mark criteria, especially in test work. We also can't say anything negative about the speed of everyday work. Lenovo Yoga 520-14IKB 80X80097GEHD Graphics 620, i5-7200U, Intel SSD 600p SSDPEKKW256G7Dell Inspiron 13 Graphics 520, 6500U, Liteonit LCH-256V2SAcer Spin 5 SP513-51HD Graphics 520, 6100U, Hynix HFS128G39TNDAsus Zenbook Flip UX360UAK-BB351THD Graphics 620, i5-7200U, Micron SSD 1100 (MTFDDAV256TBN)Lenovo Yoga 510-14IKBRadeon R5 M430, i5-7200U, Samsung MZYTY256HDHPLenovo Yoga 520-14IKB 80X80097GEHD Graphics 620, i5-7200U, Intel SSD 600p SSDPEKKW256G7HP Pavilion x360 14-ba011ngGeForce 940MX, i5-7200U, Samsung CM871a MZNTY128HDHPDell Inspiron 13 7359-4839HD Graphics 520, 6500U, Liteonit LCH-256V2SAcer Spin 5 SP513-51HD Graphics 520, 6100U, Hynix HFS128G39TND PCMark 8 Home Score Accelerated v23455 pointsPCMark 8 Work Score Accelerated v24556 pointsPCMark 10 Score3329 pointsHelp As the only convertible in our comparison, the Lenovo Yoga 520-14IKB comes with a 256 GB PCIe SSD. It's made by Intel and carries the model number 600p. Compared to other PCIe-NVMe-SSDs, it's not particularly fast, but compared to SATA-III SSDs or even HDDs it's definitely faster. You can compare it to other PCIe SSDs on our SSD/HDD list. Consistent Reading: 1171 MB/sSecquial Write: 605.3 MB/s4K qD32 Email: 389.6 MB/s CDM 5/6 Read Seq No32T1: 1572 MB/sCDM 5/6 Email Seq No32T1: 598.1 MB/sCDM 5/6 Read 4K 32T1: 290.1 MB/sCDM 5/6 Email 4K 32T1: 371 MB/sCDM 5/6 Email 4K 32T1: 371 MB/sCDM 5/6 5 Read Seq: 1174 MB/sCDM 5 Write Seq: 602.1 MB/sCDM 5/6 Read 4K: 36.12 MB/sCDM 5/6 Write 4K: 16 0 MB/s SequEntial Read: 1367.32MB/sSequential Write: 561.17MB/sAccesss Time Read: 0.092msScesion Time Email: 0.033ms Intel HD Graphics 620 is the GPU that is integrated into the processor. It is built into most U generation Kaby Lake processors. It offers 24 executive units and how iGPU should use basic memory. For further reference comparisons, we refer to our basic GPU list. Because the GPU depends on the underlying memory, HD 620 performance is limited to single-decker memory. Since the Yoga 520-14IKB has only one RAM slot, you can't get around this limit by adding a second RAM module. If you need more GPU performance, you should choose a model with the Nvidia GeForce 940MX. Like the processor, the GPU is also not regulated in battery life. 3DMark 11 Performance1518 Points3DMark Cloud Gate Standard Score4933 points3DMark Fire Strike Score722 pointsHelp The Intel HD Graphics 620 is not a graphics chip for computer games. You can only play old games smoothly in reduced detail. At this point, we would also like to refer to the 940MX model of Yoga 520-14IKB or even better, in our list of the best gaming laptops. When the test block is idling, the fan is usually turned off. This change changes under load, but even then the fan isn't really annoying. We didn't see any whining coils or any such disturbing noises йога 520. Уровень шума холостого хода 30.3 / 30.3 / 30.3 dB(A)Нагрузка 37.2 / 35.2 dB(A) 30 dBsilent40 dB(A)audible50 dB(A)loud min: , med: med: Max: Audix TM1, Arta (15 cm distance) Environment Noise: 30.3 dB (A) Stress Test (Prime95 and FurMark) External temperatures are definitely not problematic in yoga and hardly worth mentioning. During the downtime the device is cool, and even during the load, it really doesn't get warm. We measured just above 40 degrees Celsius (104 degrees Fahrenheit) at one hot spot below, which is a very good result. You don't need to be afraid of burns with yoga. Interestingly, in the stress test, the behavior of the system is completely different than in the Cinebench-R15 cycle. Under the load of Prime95 and FurMark, the processor can maintain a top speed of 3.1 GHz for seven minutes before it drops to 2.5 GHz. The processor and GPU then consume 12 W together. Temperatures peak at 68 degrees Celsius (154 degrees Fahrenheit), and they average 63 degrees Celsius (145 degrees Fahrenheit) in the stress test. Mandatory launch of 3DMark11 after a stress test gave a normal result. 32 C90 F35 C95 F32.6 C91 F 29.6 C85 F32.7 C91 F28 C82 F 26.2 C79 F2 4.8 C77 F25.6 C78 F Максимум: 35 KK и 95 FAverage: 29,6 KK 85 F 28,9 C84 F29.6 C85 F26.5 C80 F27.1 C81 F28.6 C83 F25.4 C78 F25.5 C78 F24.4 C76 F24.4 C76 F Максимум: 29.6 C и 85 FAverage: 26.7 C и 80 F Подача электроэнергии (максимум.) 36.1 C Комнатная температура 22,9 градусов по Цельсию и 73 F FIRT 550-Карманный 28.9 C84 F26.9 C80 F26.5 C80 F 27.1 C81 F28.6 C83 F25.4 C77 8 F 25.5 C78 F24.4 C76 F24.4 C76 F Максимум: 28.9 C и 84 FAverage: 26.4 C и 80 F 26 6 C80 F30.5 C87 F28.1 C83 F24.7 C76 F29 C84 F26.5 C80 F24.6 C76 F25 C77 F24.8 C77 F Максимум : 30.5 C у 87 FAverage: 26.6 C and 80 F Electricity Supply (maximum.) 29.2 C Room temperature 22 degrees Celsius and 72 F FIRT 550-Pocket (i) Average temperature for the top side at a maximum load of 29.6 degrees Celsius / 85 F, compared to the average of 30.3 degrees Celsius / 87 F for devices in the Convertible class. The maximum temperature on the top side is 35 degrees Celsius/95 F, compared to an average of 35.3 degrees Celsius/96 F, ranging from 21.8 to 55.7 degrees Celsius for a convertible class. The bottom is heated to a maximum of 29.6 degrees Celsius / 85 F, compared to the average of 36.5 degrees Celsius / 98 F (i) When using idling, The average temperature for the upper side is 26.4 degrees Celsius/80 F, compared to the average device of 30.3 degrees Celsius /87 F.(j) The Palmrests and touchpad are cooler than the skin temperature with a maximum of 26.2 degrees Celsius/79.2 F and therefore cool to the touch. The average temperature in the palm-grade area of similar devices was 28.9 degrees Celsius / 84 F (2.7 degrees Celsius / 4.8 F). Upper (idle) Lower (idle) Upper (load) Lower Yoga speakers 520-14IKB are located at the bottom. This placement is unfavorable in laptops and tablet modes. However, if you put the laptop in stand mode, things look different, as the speakers then point up. No matter what position you use, you use Yoga 520-14IKB, the speakers are typical, mediocre laptop speakers, despite the audio harmAN print on the palm rest. They are not very loud and they do not produce any bass. Obviously there are speakers that are even worse, but there are also better ones. Alternatively, we recommend a combo-audio compound with a diameter of 3.5 mm, which works flawlessly. dB(A) 010203040506070809Deep BassMiddle BassHigh BassLower RangeMidsHigher MidsLower HighsMid HighsUpper HighsSuper Highs2034.234.534.22537.733.237.73135.63835.64030.332.530.3503433.5346327.73027.7827.926.927.910026.126.426.1125312631160424.142204722.94725050.522.550.531558.320.958.340063.320.263.35006119.7616.5061.21961.280971.118.271.1100066.317.966.3125058.917.858.916005917.459200059.517.559.5250061.117.561.1315060.817.760.8400055.917.855.9500054.817.954.8630057.11857.1800057.51857.51000059.718.159.71250060.91860.916000548.154SPI 58.9median 18.1median 58.9Дельта4.92.14.937.442.332.737.531.739.531.138.630.841.333.94429.143.229.34524.24 5.824.847.625.550.221.952.823.3622163.620.865.82069.319.266.418.365.917.763.763.617.164.816.566.116.666.916.265.716.363.216.363.116.262.516.265.916.466.616.360.716 .755.33077.31.443Median 17.7median 63.62.74.9hearing rangehide medianshow medianshow median pink noiseLenovo yoga 520-14IKB 80X80097GEHP Pavilion x360 14-ba011ng (-) not very loudspeakers (71.06 dB) Bass 100 - 315 Hz (-) almost no bass - on average 16.4% lower than the average (±) linearity of bass average (13.9% delta to prev. Averages of 400 - 2000 Hz (en) balanced averages - just 3.6% of the median (±) linearity averages (9.2% delta to prev frequency.) Highs of 2 - 16 kHz (kW) balanced highs - just 2.2% of the median highs linear (4.5% delta to preliminary frequency)Overall 100 - 16. 000 Hz (±) linearity of total sound average (15.9% difference to median) compared to the same class 18% of all tested devices in this class were better, 6% similar, 76% worse top were delta 10%, on average it was 22%, the worst was 53% compared to all devices tested 19% of all tested devices were better , 4% similar, 77% worse Was Delta 3% , average was 21%, the worst was 65% (-) not very loudspeakers (69.3 dB)Bass 100 - 315 Hz (±) reduced bass - on average 13% lower than the average (en) bass linear (6.8% to delta prev. 400 - 2000 Hz (i) balanced averages - just 2.1% of median (l) averages are linear (4.2% to delta prev. frequencies)Maximums 2 - 16 kHz (i) balanced highs - just 1.8% of median linear maximums (2.9% delta to prev.) Overall 100 - 16,000 Hz (en) total linear sound (11.3% difference in median)Compared to the same class 2% of all devices tested in this class were better, 3% similar, 95% worst was 10%, the average was 22%, the worst was 53% Compared to all devices tested 5% of all tested devices were better, better, аналогичные, 94% хуже Лучшие были дельты 3%, в среднем было 21%, худшее было 65% Частота сравнения (Checkboxes выбрать!) Наш испытательный блок имеет самый низкий энергопотребление всех кабриолетов в нашем сравнении, разделяя эту позицию с Dell Inspiron 13 7359-4839. Его собственный предшественник, в частности, потребляет больше энергии под нагрузкой, что, среди прочего, также связано с выделенным GPU. Тем не менее, во время простоя йога 520-14IKB также бьет йоги 510-14IKB. Включенный 45-ваттный источник питания полностью достаточен для максимального потребления 32,2 Вт. Power Consumption Off / Standby 0.26 / 0.39 WattIdle 3.5 / 6.2 / 7.4 Watt Load 32.2 / 26.4 Watt Key: min: , med: , max: Metrahit Energy Lenovo Yoga 520-14IKB 80X80097GEi5-7200U, HD Graphics 620, Intel SSD 600p SSDPEKKW256G7, IPS LED, 1920x1080, 14Dell Inspiron 13 7359-48396500U, HD Graphics 520, Liteonit LCH-256V2S, IPS, 1920x1080, 13.3HP Pavilion x360 14-ba011ngi5-7200U, GeForce 940MX, Samsung CM871a MZNTY128HDHP, IPS, 1920x1080, 14Acer Spin 5 SP513-516100U, HD Graphics 520, Hynix HFS128G39TND, IPS LED, 1920x1080, 13.3Asus Zenbook Flip UX360UAK-BB351Ti5-7200U, HD Graphics 620, Micron SSD 1100 (MTFDDAV256TBN), IPS, 1920x1080, 13.3Lenovo Yoga 510-14IKBi5-7200U, Radeon R5 M430, Samsung MZYTY256HDHP, IPS, 1920x1080, 14Idle Minimum *3.5Idle Average *6.2Idle Maximum *7.4Load Average *32.2Load Maximum *26.4* ... чем меньше, тем лучше время для полной подзарядки: 146 минутЛеново упаковывает интегрированную батарею 53-Wh в Yoga 520 - значительное обновление по сравнению с Yoga 510, которое должно было довольствоваться скудными 35 Втч. Соответственно, значения времени автономной работы постоянно лучше. По сравнению с конкуренцией, йога 520-14IKB также тарифы лучше, и только Asus zenBook Flip UX360UAK может длиться гораздо дольше с немного больше батареи. Батарея полностью подзаряжается через 146 минут, что составляет около 2,5 часов. Это среднее значение. Battery Runtime Idle (without WLAN, min brightness)14h 47min NBC WiFi Websurfing Battery Test 1.3 (Edge)8h 20min Big Buck Bunny H.264 1080p10h 02min Load (maximum brightness)2h 55min Lenovo Yoga 520-14IKB 80X80097GEi5-7200U, HD Graphics 620, 53 WhDell Inspiron 13 7359-48396500U, HD Graphics 520, 44 WhHP Pavilion x360 14-ba011ngi5-7200U, GeForce 940MX, 41.5 WhAcer Spin 5 SP513-516100U, HD Graphics 520, 45 WhAsus Zenbook Flip UX360UAK-BB351Ti5-7200U, HD Graphics 620, 57 WhLenovo Yoga 510-14IKBi5-7200U, Radeon R5 M430, 35 WhReader / Idle887H.264602WiFi v1.3500Load175 + functional aluminum and plastic case + very good touchpad + suitable keyboard + active digitizer included + always remains cool and nearly always quiet + better battery life due to bigger battery - CPU does not use its full capabilities - display: low brightness and color space coverage, strange ripple effect , PWM - USB-C без DisplayPort или доставки энергии Loops are too loose - 1x1 WLAN - outdated versions of the GPU and Lenovo Yoga 520-14IKB processor provided by Notebooksbilliger.deWe have already mentioned in the case section that the Yoga 520-14IKB is very similar to the IdeaPad 520s-14IKB. This applies not only to design, but also to the equipment as a whole. The Lenovo Yoga 520-14IKB is almost a convertible version of the IdeaPad. Therefore, the list of pros and cons is also very similar. As with IdeaPad, the case, keyboard and touchpad are at a good level. While more expensive devices may be even much better here to some extent, given the price, you can't ask for much more from Yoga, which doesn't have any real flaws in these categories. The same can be said about noise and temperature development. Yoga 520-14IKB always stays cool and quiet. In addition, thanks to the larger battery, battery life has been significantly improved compared to its predecessor. We find the first difference compared to the IdeaPad 520s-14IKB in temperature development. Although the IdeaPad gets a little warmer (also because of the Nvidia GPU, of course), the Yoga 520 always stays cool. This is also due to its first strong negative point: the performance of the processor is significantly limited and remains far from the possible maximum Core i5-7200U. This performance restriction is due to the manufacturer's 8-w TDP limit for the processor. So it's no surprise that things are so unlikely to warm up. Another negative point is the display. Even if it offers a touch and active digitizer, the quality of the color is not good because of the limited color space. The brightness is also too low to make up for a shiny surface in outdoor use. But we were very annoyed by the strange ripple effect that can be seen on the display panel, looking closely as well as the low frequency of PWM. In addition to these flaws, as in IdeaPad we also lack a USB-C connection that handles more than USB here. Also, the loops are too wobbly for our taste. And finally, as in the IdeaPad 520s-14IKB, we have to complain about the 1x1 WLAN. The weakness of the display and poor processor performance combined with age-related components make the Yoga 520-14IKB a convertible that can hardly be recommended. Because of these shortcomings, it is difficult for us to recommend yoga 520-14IKB. In particular, the weaknesses of the display and processor performance are weighed. Added to this is the fact that yoga 520-14IKB is now just aged, since the extra GPU as well as the processor already has a successor. So our recommendation is either for a different convertible, or wait for a yoga update with Kaby Lake Refresh and MX150. Maybe then things will work better in terms of the display and performance of the processor. Yoga 520-14IKB 80X80097GE - 2017-11-1711/17/2017 v6 (old) Benjamin Herzig Connection444 / 80 → 56%Games Performance55 / 68 → 81%Application Performance86 / 87 → 98%Convertible lenovo yoga 520 specs i3. lenovo yoga 520 specs i7. lenovo yoga 520 specs pdf. lenovo yoga 520 specs cnet. lenovo yoga 520-14ikb specs. lenovo yoga 520-141kb specs. lenovo yoga 520-14ikb 81c8 specs. lenovo yoga 520 i3 7th generation specs

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