Alienware 17 r4 specs pdf

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The Dell Alienware 17 is a Windows 10 Home with a 17.30-inch display with a resolution of 1920x1080 pixels. It is powered by a Core i7 processor and comes with 16GB of RAM. Dell Alienware 17 packs 1TB of HDD storage. The graphics are equipped with integrated Intel 5500 graphics. Connectivity options include Wi-Fi 802.11 b/g/n, Bluetooth, Ethernet and comes with 1 USB ports (1 x Thunderbolt 3 (type C),), HDMI Port, Multi Card Slot, Lock Slot, Headphones and Mic Combo Jack, Mic In, RJ45 (LAN) ports. On October 15, 2020, the price of Dell Alienware 17 in India starts at 191,190 rubles. Dell 17 R4 OverviewCrafted for exciting high-definition games, the 17.3Alienware 17 R4 Laptop from Dell is a VR-ready system that has passed Oculus Ready and Vive Optimized Certificates. It features a 2560 x 1440 120 Hz G-Sync display and a NVIDIA GeForce GTX 1070 graphics card with an 8GB GDDR5 VRAM. With the help of a special graphics card, you will be able to crank up the in-game visual settings and allow additional graphic eye candy options to enjoy the games in their best conditions. Balancing the rest of the system is the 2.9GHz Intel Core i7-7820HK quad-core processor and 16GB 2400 MHz DDR4 RAM, allowing you to effectively multitask and quickly access frequently used files and programs. For storage, the Alienware 17 R4 has a 256GB PCIe SSD that serves as a boot drive, and a 1TB 7200 rpm SATA hard drive that is used for general storage, for a total capacity of 1.256TB. If you need more space, you can connect external storage solutions with two 5GB/USB 3.0 Type-A ports, one of which has PowerShare technology, one 5GB/USB 3.0 Type-C port, and one 40GB/s Thunderbolt 3 port. In addition, using its hdMI 2.0, mini-DisplayPort 1.2 and Thunderbolt 3 ports, you can connect external displays for extensive multitasking. Other integrated features include a Full HD webcam with the presence of Tobii IR Eye-tracking, Gigabit Ethernet, 802.11ac Wi-Fi, Bluetooth 4.1, a headphone jack (re-checked for a microphone/analog audio line), an audio connector (compatible with built-in microphones) and RGB lighting. Installed Operating System Windows 10 Home (64-bit). Built with an Intel Core i7-7820HK processor with a 2.9GHz frequency, Alienware 17 delivers high performance gaming technology. Using magnesium alloy for rigidity, copper to improve performance, anodized aluminum for extra protection and steel for tactile comfort, it also features a NVIDIA GeForce GTX 1070 graphics card with 8GB of GDDR5 VRAM, a maximum burst frequency of 3.9 GHz processor and 16GB of DDR4 2400 MHz memory, allowing the game to experience at an entirely new level. Armed with knowledge of your Eye movement and appropriate head movement, Tobia eye tracking enhances your games, including Tom Clancy's The Division, Watch Dogs 2 and Assassin's Creed Creed so you can enter commands that are more in tune with real life. Aim where you are looking, signal your teammates at a glance, and move around the cockpit freely. NVIDIA G-Sync technology synchronizes the display update speed with the release of video card frame rates to reduce screen gap and ghosts. Combined with a 120Hz upgrade frequency that helps eliminate stuttering and jitters, you'll be able to react instantly to your game. Armed with more information about you, including your attention and position in front of your laptop, your machine can now optimize your energy consumption and even trigger more advanced security profiles. This feature is exceptional for Alienware machines. With overwolf apps, reproduce your look pattern and see where you went wrong. Learn from your mistakes, find new opportunities and beat competitors. The HD-resolution camera with an IR sensor and facial recognition technology allows you to log on to the system with a simple look. With the upgraded Alienware TactX keyboard, the N-Key rollover is being supported, allowing more than 108-key commands for more action per minute. The keyboard also has 2.2mm of key travel, allowing a quick response for most keystrokes. The reinforced steel back plate provides stiffness and unified feedback and provides life to up to 10 million keystrokes. In addition, you can create a more personalized look for your machine with improved AlienFX, which is designed with optimized RGB-LED enabled lighting and is supported on more than 130 games. You'll also be able to create and download unique themes. Higher maximum thermal power (TDP) means that your system can handle higher overall power for internal components, which provides a higher level of performance. With the entire ventilation system updated, your system can stay cool even at extreme graphic pressure. The updated design has a large speaker box that helps improve the audio output, providing a clearer and more dramatic gaming experience. Avoid redundant cables and cover desktop design mode where most of your critical connections and ports are in the back and side. Killer DoubleShot Pro provides wired and wireless network installations that prioritize Internet traffic and data flow to the apps that matter to you. This allows for future-proof upgraded, full-length, dual-width graphics and an additional four-port USB 3.0 hub for additional peripherals. Dell also added a PCIe Gen3 x4 connection with dedicated bandwidth to connect that rivals Thunderbolt. Note that Alienware graphics are sold separately. Thunderbolt 3 is a hardware interface that uses a reversible USB Type-C connector. Doubling the speed of its predecessor, the Thunderbolt 3 has a maximum bandwidth of 40GB/s when used with compatible devices. The connector also transmits data via USB 3.1 with up to 10GB/s and displayPort 1.2 dual-bandwidth Connect two 4K displays at the same time. In addition, you can daisy chain up to six devices from one Port Thunderbolt 3. AlienFX uses 20 different colors to create more than 80 quadrillion unique themes to give your machine a more personalized look. Supported by more than 130 titles, lighting zones can be configured to respond to things like in-game action, power on and off, and notifications pulsating, morphing, or simply holding solid colors. Once you've finished the theme, you can save and upload it to the Alienware Arena community site, where you can share your custom creation with others and download whatever you find. And at a time when you want a little less visual stimulation, AlienFX lets you go dark by disabling all the light effects until you're ready to turn them back on. Always Ready puts your system in a state between sleep and wakefulness, allowing the main programs to run in the background while the machine runs quietly and in a lower power mode. With customizable game and app options, system performance optimizer and performance monitoring tool, AlienAdrenaline provides users with the tools they need to stay one step ahead of their competitors. Change settings and monitor the internal temperatures and speeds of some fans in your computer using the Active Thermals module. Take control of the acceleration levels for your memory and processor with OC control. Monitor your memory activity level, change your settings on the fly, and automatically start/turn it off in one convenient location. With the OC client, you can create your own OC mode by opting for the settings in the BIOS OC screen menu. After a break in Windows 8, the Start menu is back. Using a combination of the traditional menu system and Windows 8 Live Tiles, the improved Start menu gives you more information at a glance, showing notification information along with your apps and other pinned items. Microsoft's digital personal assistant, Cortana, can answer your questions with information from your device and the Internet as a whole. You can enter or even talk to her if your system has a microphone. Using her laptop, Cortana tracks your needs and desires, and she learns over time to improve your information-gathering skills. After nearly 20 years, Microsoft has finally replaced its Internet browser Explorer. With Microsoft Edge, users can write directly on web pages and share notes with friends and colleagues. It also improves the online reading experience by adding distraction-free mode and read-it later functionality. Edge also has a built-in Cortana integration; Can have it help you find a restaurant, make reservations, and pull up directions without leaving the browser. For Windows 10, Microsoft has combined the Windows Store. Apps for PCs, tablets and phones will now be available from one And with the support of universal apps, one version of the app can automatically work on all compatible devices. Windows 10 has been designed for a variety of screen sizes and input styles, and with its Continuum feature, it automatically adapts to your needs. The Windows 10 tablet itself requires a touch-oriented approach, but attaching the mouse and keyboard will shift everything to a more traditional interface. You can even attach an external monitor to your Windows 10 phone for an almost desktop experience. But it's not just the operating system; Windows Universal apps take advantage of the Continuum as well. Gaming is a great focus of Windows 10. Xbox integration allows PC players to match Xbox One players in supported games, and if you have An Xbox One, you can even stream compatible games to your computer. Native recording support with the new DVR game feature makes it easy to capture and share your gameplay. The new DirectX12 makes better use of multi-core processors, giving games performance-enhancing, even on older hardware. Windows 10 also features native support for virtual reality headsets, such as the Oculus Rift.Dell 17 R4 SpecsPerformanceProcessorIntel Core i7-7820HK Quad-CoreBase Clock Speed2.9 GHzMaximum Boost Speed3.9 GHzTotal Installed Memory16 GBMaximum Memory Capacity32 GBMemory TypeDDR4 SDRAMMemory Speed2400 MHzMemory SlotsNoneMemory Slot Type260-Pin SO-DIMMGraphics TypeDedicatedGPUNVIDIA GeForce GTX 1070 with 8 GB GDDR5 VRAMDisplayPanel TypeTNSize17.3Aspect Ratio16:9Resolution2560 x 1440TouchscreenNoneFinishMatteMaximum Brightness400 cd/m2Viewing Angle (H x V)140 x 120°DrivesTotal Installed Capacity1.256 TBSolid State Storage1 x 256 GB M.2 PCIeHard Disk Storage1 x 1 TB 2.5 SATA (7200 rpm)Optical DriveNoneInput/Output ConnectorsPorts1 x Thunderbolt 32 x USB 3.1 Gen 1 Type-A1 x USB 3.1 Gen 1 Type-C1 x Docking ConnectorDisplay1 x HDMI 2.01 x Mini DisplayPort 1.2Audio2 x Integrated Speaker1 x Integrated Subwoofer1 x 1/8 / 3.5 mm Line-Out1 x 1/8 / 3.5 mm Headphone OutputIntegrated MicrophoneMedia Card SlotsNoneCommunicationsNetwork1 x 10/100/1000 Mb/s Gigabit Ethernet (RJ45)ModemNoneWi-FiWi-Fi 5 (802.11ac); Double band (2.4 x 5 GHz) BluetoothBluetooth 4.1Mobile BroadbandNoneGPSNONENFCNFCNONEWebcamCamUser-Facing: 1080pBatteryBattery ChemistryLithium-IonWatt Hours / Type99 WhCells6Output Voltage11.4 VDCPower Requirements100-240 VAC, 50-60 HzPower Supply240 WGeneralOperating SystemWindows 10 Home (64-Bit)SecurityAccepts 3rd Security Side Lock DeviceKeyboardStandard Keyboard Laptop (Backlight, DeviceTouchPadDimensions (W x H x D) 16.7 x 1.2 x 13.1 / 42.4 x 3.0 x 33.3 cmWeight9 0 74 lbs /4.42 kg (medium weight)Packing InfoPackage Weight16.5 lbsBox Dimensions (LxWxH)20.4 x 18.4 x 4.5 4.5 alienware 17 r4 specs 2017. alienware 17 r4 specs 2018. alienware 17 r4 specs 2016. alienware 17 r4 specs gtx 1070. alienware 17 r4 specs 1070. alienware 17 r4 gtx 1080 specs. alienware 17 r4 motherboard specs. alienware 17 r4 memory specs