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Dell optiplex 320 ram

How to upgrade RAM to Dell Optiplex 320 You can easily upgrade ram to Dell Optiplex 320 and it takes up to 4 GB. If you upgraded to Windows 7 and you are still using your Optiplex 320 you can easily max out the RAM and do it yourself not much money. Here's how ... Hardware: Dell Optiplex 320 (manufacturer's support page) Original RAM: Hynix 1GB 2Rx8 PC2-53000U-555-12 Part: HYMP512U64BP8-Y5 AB-A 0713 Required parts 4GB set (2GBx2) DDR2 PC2-5300 DESKTOP Memory Modules (240-pin DIMM, 667MHz) Tools Need Step 1: Make sure how much RAM you have. In Windows 7 click on the start menu, right click on Computer and click on Properties. Right click on Computer and Click Properties You can see the amount of installed RAM in the system section: This machine has 1 GB ram Installed this machine has only 1 Gig installed so we can quadruple that amount of 4 GB with two 2 GB sticks desktop ram as is associated with parts of the section at the top of this article. Step 2: Turn off the dell Optiplex 320 and disconnect it from the mains. Honestly, I did not remove this machine when I upgraded ram but you can see from the illuminated LED motherboard that there are some things that are still powered on the motherboard even when the power supply is off, so it's probably a good idea to disconnect. Turn off the machine on the left side before changing RAM step 3: Place the machine on the left side. The right cover comes off, so you want it to flat on the left side. Place the machine in left step 4: Pull the latch on the back of the top of the machine. You slide the latch back until half jumps out. Here I'm releasing a lid latch sliding it to the left You know you've gone far enough when the latch releases a little bit and the side jumps out like this: the side cover pops up when the latch is released in Step 5: Remove the side cover. If you look at your machine the way I look at it, you can raise the edge up close and then pull the whole lid towards you and it will come out. It sits on tabs, a space at the bottom of the lid. Pull the side cover of the housing up and toward it to remove it Side removed: Side cover removed Step 6: Caution on electrostatic discharge. You can create static electricity for your body and if you have and the first thing you touch the substance on your computer, well you can very well destroy that chip. You can safely replace RAM on your desktop without a special electrostatic discharge grounding strap. Before you touch anything inside, tap the metal case of the computer. It safely releases static electricity from your body. Step 7: Locate the installed RAM. The Dell Optiplex 320 has two RAM slots and you can only have 1 RAM chip installed. In this case, I have one 1GB chip installed in the first RAM slot: Location RAM Step 8: Remove existing RAM. If I were up to 2GB I could just add another RAM chip, but because the RAM is so cheap and I want to go all the way I'm going to remove and replace it with two 2GB chips. To remove the RAM press down the tab for each tip of RAM as below: Press down and out tabs to release RAM Chip When you press each tab it will lift out to the end of the RAM chip and you will see what is pictured below: RAM release tabs are pressed Now you can lift out of RAM. I recommend not to grab it on the front and rear sides, but only the EDGES. This reduces the possibility that you accidentally empty static RAM and are just good practice in handling RAM, keep it on edge like this: Keep RAM by the outer edges like this If your hands are small you can use two hands to lift it out or if you have to grab it in the face, do it like this : How to keep RAM with small hands Step 9: Guide the first new RAM chip into the opening of your slot. RAM is only suitable for one way on your computer and you can tell how it goes to shift a notch on the edge, which adds a slot to the motherboard: The limit is a little shift to only allow RAM in one way Locking tabs in the same open (pressed) orientation they had when you remove RAM , insert the new RAM carefully directly down to the slot: RAM sits in slot 1, ready to lock in step 10: lock your RAM in place. If the RAM is straight and nesting in the nest you must press straight down to the top edges (ends) of RAM to lock it in the slot. It takes quite a bit of force, so make sure you have RAM aligned before it: Pressing straight down to the right edge Pressing straight down to the left edge of the RAM pops into place when you press down. When RAM is locked correctly, the locking tab slides into the nostrils at both ends of the chip, as shown below: the locking tab should go to the slot at the end of RAM step 11: repeat steps 9 and 10 for the next RAM chip. There's another chip to install, but it goes like the first. Once you have installed one you will get a good one from it. Step 12: Reinstall the side of the computer casing. Insert the lower edge down to insert holes at the bottom of the housing side as follows: Insert the first lower edge Lock the side in place by pressing directly down until it latches: Press straight down until it locks in place Step 13: Connect the power cord and increase your upgraded Dell Optiplex 320. You get a message from Bios, letting you know that he has discovered a change in RAM, that's good. To accept this message is a good sign To continue, press F1: To accept memory upgrade step 14, press F1: Make sure that Windows 7 reports additional RAM startup, sign in, and repeat step 1 to verify that the operating system is notified of RAM. For some reason, the 3.5 GB on this computer, but there really is 4 GB installed. This may be because it is a 32-bit machine. Regardless, it's much better than just 1 GB: Windows 7 Reports Additional RAM Installed on Amazon Associate Disclosure: As an Amazon Associate I earn qualifying purchases. This means that when you click on an affiliate link and buy an item, I get an affiliate commission. The price of the item is the same whether it is an affiliate link or not. Regardless, I only recommend products or services I believe to add value to share your repair readers. Using affiliate links, you can help support Share your repair, and I truly appreciate your support. Related Some time ago I bought 2 x 2 GB Sticks RAM to my Dell OptiPlex 320. When I added them, I was greeted by a series of beepers and a system that did not start. I checked every stick, and individually they work, just not a couple. When I enter one 2 GB and one 1 GB, then the BIOS detects both (reporting 3 GB installed: 1 x 2 GB and 1 x 1 GB) and starts, but Windows (8.1.1) can only be used 1 GB. How can I both sticks work by giving me 4 GB of RAM? These sticks are identical to kingston kvr533D2N4/2G modules and do not have ECC. The system is a July 2007 one and the technical specifications list it as capable of using up to 4 GB. © 1996-2014, Amazon.com, Inc. or its subsidiaries © 1996-2014, Amazon.com, Inc. or its subsidiaries memory upgradesDellDesktop/WorkstationOptiPlex Maximum memory: 4GB * Do not exceed manufacturer-supported memory. Slots: 2 (2 banks 1) Loading OptiPlex 320 Desktop Memory, please wait ... What type of memory does Dell OptiPlex 320 take on a desktop computer? Dell OptiPlex 320 desktop takes PC2-4200/5300 DDR2 SDRAM DIMMs. Supports Dual Channel DDR2. memory type and is installed with 512 MB (removable) memory. How much memory does dell OptiPlex 320 desktop takes? You can upgrade your Dell OptiPlex 320 desktop computer to a maximum storage capacity of 4.0 GB of memory. How many memory slots to install the total memory? The computer has 2 sockets that already have 512 MB (removable) of standard memory to install memory. To use the best OptiPlex 320 desktop performance maximum of 4.0 GB, fill all slots with the maximum allowable memory slot on your computer. What is the guarantee of these memories? What if memory is incompatible We guarantee that this memory will be compatible with your OptiPlex 320 desktop computer. If you have any problems, we will give you a lifetime replacement guarantee. We have a 14-day back policy and you can return memory if you are not satisfied. Do you have those memories in store? What shipping options do you offer? All the memory listed here is in stock. We'll send your memory the day we receive your order. We ship through FedEx and USPS. We have fast and inexpensive shipping options. Take this memory tomorrow, choose a guaranteed FedEx one-day delivery option (place your order before 3pm PST). Check all shipping options and prices we offer. 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For more help with adding additional memory to OptiPlex 320 Desktop, contact our real-time support for more help. Computer memory installation video Your browser does not support iframes. Click here to talk to us now!. Your browser does not support iframes. iframes.

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