Sabarna Das

Week 2 Assignment

Here are all the specifications of the computer which I think is a good buy:

HP p7qe series

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| Operating system | [Genuine Windows 7 Home Premium [64-bit]](javascript:_tabBar.moveToTab('tab0','m_c_0','0');) |  |
| Processor | [Intel(R) Core(TM) i5-2500S quad-core processor [2.7GHz, 6MB cache]](javascript:_tabBar.moveToTab('tab0','m_c_1','2');) |  |
| Memory | [8GB DDR3-1333MHz SDRAM [2 DIMMs]](javascript:_tabBar.moveToTab('tab0','m_c_2','3');) |  |
| Hard drive | [1.5TB 7200 rpm SATA 3Gb/s hard drive](javascript:_tabBar.moveToTab('tab0','m_c_3','4');) |  |
| Office software | [No additional office software](javascript:_tabBar.moveToTab('tab0','m_c_4','5');) |  |
| Security software | [SAVE $49 on Norton Internet Security(TM) 2011 - 15 month](javascript:_tabBar.moveToTab('tab0','m_c_5','6');) |  |
| Graphics card | 1GB DDR3 AMD Radeon HD 6450 [DVI, HDMI. VGA adapter] | +$50.00 |
| Primary optical drive | [SuperMulti DVD Burner](javascript:_tabBar.moveToTab('tab0','m_c_7','10');) |  |
| Networking | [Integrated Ethernet port, No wireless LAN](javascript:_tabBar.moveToTab('tab0','m_c_9','12');) |  |
| Productivity ports | [15-in-1 memory card reader, 2 USB, audio](javascript:_tabBar.moveToTab('tab0','m_c_10','13');) |  |
| TV & entertainment experience | [No TV Tuner](javascript:_tabBar.moveToTab('tab0','m_c_12','15');) |  |
| Sound Card | [Integrated sound](javascript:_tabBar.moveToTab('tab0','m_c_13','16');) |  |
| Keyboard and Mouse | [HP keyboard and optical mouse](javascript:_tabBar.moveToTab('tab0','m_c_14','17');) |  |
| Monitor | [HP 2311x 23-inch LED Monitor](javascript:_tabBar.moveToTab('tab0','m_a_12','8');) | +$169.99 |

I chose this computer and I think it is a good buy for the school lab because it meets every requirement for educational purposes. The processor that I included in my desktop is an Intel(R) Core(TM) i5-2500S quad-core processor. It is a quite a fast processor with a speed of 2.7 GHz. Cache memory of 6MB which I think is enough for a computer that is going to be used for educational purposes. It also has an 8 GB memory which will allow the user of the computer to run more programs at the same time. If the user needs to open pictures, word documents and even power points, then they will be able to work smoothly and without any interruption. It has a hard drive with a memory of 1.5TB which allow the computer to have multiple educational and also helpful softwares to be installed and also have memory left. I know that most of the school’s files are kept in the server but if we have more spaces then we can install useful softwares that can make our lives easier in this 21st century. The more memory we have left it will help the computer to run faster. To protect the computer from online viruses, there is a 15 month subscription with Norton Internet Security available with this computer. I also thought that a 1GB graphic card would be a good choice. The company was offering me 512MB graphic card but I decided to spend $50 more and upgrade it 1GB. I did this because there are many educational games available these days that can help students learn something and also at the same time teach something valuable to them. Also for students who don’t like to just take notes and learn the technology that is available to us can be used to teach the material in a fun and entertaining manner. This is a HD graphic card which allows the user to enjoy the picture on screen in High Definition (better picture quality). This computer is not only for students but it is also good for teachers. Now days there are many educational movies and documentaries that are available online and free to download. Teachers can use those videos to teach the material they want to teach. To help them show these movies or documentaries this computer comes with a DVD burner which will allow people to store more things in the same disk as they could in a normal CD-ROM. Also the best thing of all is that it has a monitor of 23 inches. It is great to open multiple files at the same time at view it all together and do your work. All of these great features come for just $989.98 that is with in our school budget of $1,000. I think it is a very good option and the school should buy this computer.