The benefits of installing and maintaining hardware for an individual:

One benefit of installing and maintaining hardware for an individual is that it will be cheaper. It will be cheaper than having to install hardware to multiple computers, e.g. in an office. If the individual owner of a computer likes to play games and/or watch videos then they should think about upgrading their graphics card. A benefit of doing this will be that the game and video resolution will be a lot higher and enable them to have HD quality. If their computer is running slow then they can try defragging their hard drive. A benefit of doing this is that programs will run faster and more efficiently. This will also extend your hard drive life. If the owner of a private computer likes to multitask then they should upgrade their processor and/or their R.A.M. A benefit of doing this would be that they could run multiple programs without slowing the computers performance. A management task could be regular checks to see if everything is working. A benefit of doing this yourself compared to taking it to the shops is that you will save money.

The benefits of installing and maintaining hardware for a business/organisation:

In a business/organisation you could think about upgrading the hard drive. A benefit of this will be that they will be able to store all of the data that they need. There will also be enough space left to stop the computers from running slowly. A business/organisation could also upgrade their processor. A benefit of doing this would be that it allows them to have multiple programs running without slowing the computers performance. Another component that a business/organisation could upgrade is the R.A.M. the benefit of doing this is that allows you multitask with programs. A management task for installing and maintaining hardware in a business/organisation is having in-house staff to check all of the hardware components. A benefit of having in-house staff is that you save money because you won’t have to hire a contractor to check them. Another benefit would be that they will have experience with the technology system that you have.

Impacts of installing and maintaining hardware in a business/organisation:

When you’re upgrading the hardware some components can get damaged during the transition. To prevent this from happening you could have an anti-static wristband. This would stop the build-up static on your body so that when you touch the hardware components it won’t fry them. The consequence of not having an anti-static wristband would be that you could fry the hardware components. This would have an impact as it
means that they would have to spend money installing new components. Another impact of installing and maintaining hardware would be that you have to train the staff to the new computers. This will impact the business because it means that there will be no work done while they are training.

CI Estate Agency will have to upgrade their hard drive. This means that they will have to dispose of the old one. This will have impact as to dispose of it properly it costs money because they have to be wiped and then destroyed. This procedure is necessary because it keeps your files safe from thieves.

CI Estate Agency will have to train their staff to use the new hardware. This will have an impact as they will have to spend money on temps or no work will be done. It also costs money to train the staff.

They will also have to make sure that all of the new hardware is compatible. This will have an impact on the company as it will take time to check all of the components. Also while they check this, no work will be done.

**Strengths and weaknesses of replacing hardware:**

**Hard Drive strength** – For example if the company have limited space on their current hard drive then if they replace it they will be able to store all of their files and documents. This is a strength because it will enable them hold more customer information.

**Hard drive weakness** – For example if the company are on a budget, a good sized hard drive might be expensive and out of their price range. This is a weakness because it means that they cannot store all of their files and/or customer details/info.

**Graphics card strength** – For example if the company is a graphics company then upgrading this will be helpful as it will give them better resolution. This is a strength because it enables them to have better picture quality in their work.

**Graphics card weakness** – For example good graphics cards are expensive and will cost a small company a lot of money. This is a weakness because smaller companies budgets don’t stretch that far and they will not be able to afford a good enough graphics card.

**Processor strength** – The strength of upgrading the processor is that you will be able to run multiple apps without making the computer run slowly. This is a strength because it enables workers to have multiple work programs at the same time without slowing the computer.

**Processor weakness** – The weakness of upgrading the processor is that some processors are expensive and some companies won’t be able to afford a good processor. This is a weakness as their computer won’t be able run multiple programs and will slow the computer down.