Unique number - 823933

In my opinion, I believe a desktop pc would be a better option for a replacement pc. They are usually cheaper and more powerful (in terms of processing power) than laptop’s. Desktop pc’s are much more upgradeable and “future proof” whereas in a laptop, components like the CPU or GPU cannot be replaced. I personally do all my university coursework and work for my job on a desktop pc, and can say that the experience is much more a suitable on for my needs. I also use my pc for gaming; this is another consideration for the specs.

The following are the most ideal hardware specifications and features:

**Peripherals:**

Mouse, keyboard, Xbox 360 Joypad, LCD screen, headset with microphone, 3G modem, webcam, disk drive, external back up drive

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| --- |
| Hardware specs & Features |
| 4GB RAM |
| 500GB Harddrive |
| Intel Core i3 processor |
| Nvidia GeForce GTX 1050 graphics |

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| --- |
| Computer applications |
| Windows 10 |
| Microsoft office suite |
| Playstore/Steam |
| Chrome/Fireox web browsers |
| Norton Internet security |
| VLC Media Player |
| 7-Zip |
| Skype |

**Key Features:**

Compact design

Reliability & durability

Good processing power

Upgradeability

Affordability

**Adaptability** The above system should be able to run the above applications and handle a variety of tasks with ease. These would include running high end games, word processing, running coding programs, media play among other things.

**Leverage** Desktop PC’s allow for tasks like writing assignments on paper or storing information in digital format much easier. Storing digital textbooks are completing electronic assignments are a few examples

**Ease of mastery** Using a desktop PC is similar to using a laptop. Training is usually provided at learning institutions and workplaces through courses and free lessons so using a PC is quite simple and easy to learn

**Accessibility** Many specialized PC stores exist in south Africa and even provide online stores with delivery (takealot, incredible connection, evetech rebeltech etc.)

**Affordability** A system like the one above would cost about R6 000 (source: <https://www.rebeltech.co.za/>). This is reasonable as the above system is used for much more than word processing. Compare to a laptop at the same price point (e.g. Acer Aspire es1 at R6 500, source: <https://www.incredible.co.za>), it is much more versatile.

**Participatory** Using peripherals such as a mouse, keyboard and screen could be said to allow users to engage fully with the PC. The variety of programs allow for multiple users to use the pc for a number of uses.

**Transferability** Just like the above point, many users could use the PC thus a desktop pc could be used in a household by an entire family from children who want to play games to parents who need it for work purposes. Multiple user profiles are created to divide workspaces on the PC and allow it to be transferable. A shared folder could exist on the PC to allow all users to store and access shared data.

**Generative capacity** Desktop PC’s allow the user full control over both the hardware and software and allow the user to create content (video editing, word processing etc.) and a very clear benefit can be drawn from using it as a multimedia device