A review on Advanced Desktop computer

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Abstract- A new concept of pc is coming now that is **Advanced Desktop computer** Concept pc. The **Advanced Desktop computer** is a sphere shaped computer concept which is the smallest design among all the laptops and desktops have ever made. This PC concept features all the traditional elements like mouse, keyboard, large screen display, DVD recorder, etc, all in an innovative manner. Advanced Desktop computer is designed to be placed on two stands, opens by simultaneously pressing and holding the two buttons located on each side. After opening the stand and turning ON the PC, pressing the detaching mouse button will allow you to detach the optical mouse from the PC body. This concept features a laser keyboard that can be activated by pressing the particular button. Advanced Desktop computer is very small, it is having only 6 inch diameter sphere. It is having 120×120mm motherboard.

I. Introduction

EBall concept pc don't have any external display unit, it has a button when you press this button a projector will pop and it focus the computer screen on the wall which can be adjusted with navigation keys. If there is no wall then it has a paper sheet holder that divides into three pieces like an umbrella just after popping up, and it will show desktop on the paper sheet. Also, the

Advanced Desktop computer PC supports a paper holder and the paper sheet on the holder could act like a screen where you can watch movies or something. This concept PC will measure 160mm in diameter and it was designed for Microsoft Windows OS.

Features of Advanced Desktop computer:
- It contains wireless optical mouse and laser keyboard, and LCD projector.
- It has around 350-600GB of Hard Disk Drive.
- It contains 5GB RAM.
- It has two 50W speakers.
- It has LAN and WLAN card and a Web cam.

READY FOR USE

Elements of Advanced Desktop computer

Aren't you tired of your PC? By his ugly shape and the way that it looks? Well, this is exactly what designer Apostol Tnokovski was feeling when he decided to create the smallest PC ever made. It's not going to be like a PDA, it's going to be a PC with all conventional components (mouse, keyboard, normal screen). The concept PC is called Advanced Desktop computer and it's shaped like a sphere because in Tnokovski's opinion this is the best shape in nature and it draws everybody's attention.
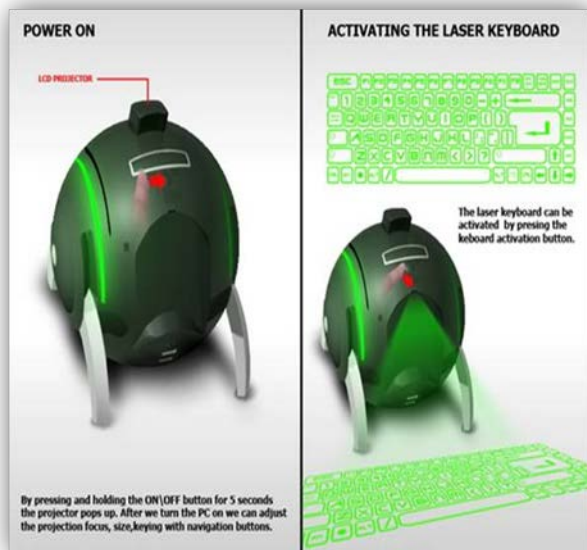

When you want to carry it around you can easily "pack it" into a ball. This is a futuristic concept, and this, I think, is how

the future computers will look like. This device has an optical keyboard and a holographic display. So you don't have a physical keyboard and no monitor! Still, the mouse is physical but it fits in to the computer when you want to carry it around. The bad thing about using a virtual keyboard is that you need a smooth surface; otherwise I don't know how you will be able to use it. It is strange enough to call this device a computer, because it is so small, but as far as I know it doesn't lack any hardware part and tends to be a future machine found in any house or office.

Working of Advanced Desktop computer:

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Advanced Desktop computer concept pc has a laser keyboard that is fully a concept keyboard that is visible when the pc is in working. The keyboard is not physical - it is interpreted by lasers that appear after you press the respective button. It recognizes your fingers with the help of an IR sensor when you are typing at a particular place, while the mouse is a pop out wonder making this an existing piece of technology.

Advanced Desktop computer concept pc work very easy while you are making video presentations, listening music watching large screen movies, and chatting on the net.
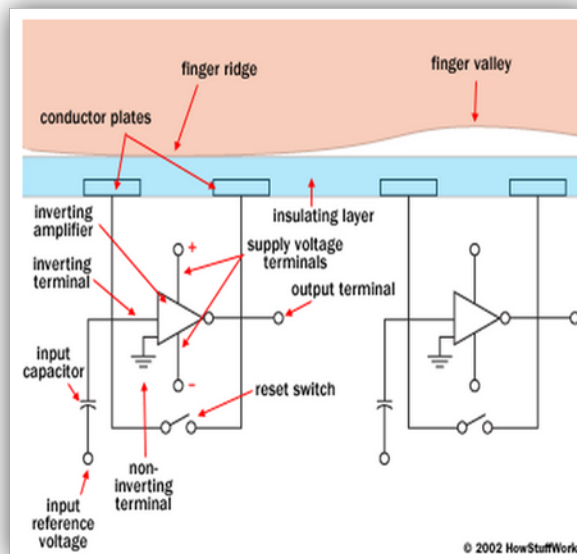
Security issues:

Suppose some intruder wants to get access to my Advanced Desktop computer, he/she can easily access it. To avoid it you can set-up user account. It is secure if the system is not movable or it has no chance of lost. But as we know, Advanced Desktop computer is portable there are chances of being stolen. In that case if you want not to allow others accessing you system, you don't have any feature.

So, to overcome with these security issues what I decide is to integrate the finger-print scanner with Advanced Desktop computer.

The finger-print scanner can be integrating inside the Advanced Desktop computer or we can use mouse which has an in-build finger-print scanner.

This is how finger-print scanner works:

The finger-print scanner in-build mouse looks like this:

To integrate it into Advanced Desktop computer we can use following devices.

Advanced Desktop computer with Scanner:

Advanced Desktop computer displays the content on the wall or the paper. But it does not provide any facility to scan the documents, so have to look for scanner. Scanner is very important components it allows to get documents ready as softcopy. To allow the Advanced Desktop computer can provide these features without requiring any extra hardware component. To overcome this limitation we can use scanner with it. But as we know that the main aspect of Advanced Desktop computer is to reduce the size and weight of traditional computer.

So, considering the weight and size of Advanced Desktop computer I have something new. It is called MadMapper. The MadMapper provides a simple and easy tool for video-mapping projections and LED mapping. It removes a lot of the confusion related to this medium, effectively demystifying the process, allowing you, the artist or designer to focus on creating your content, and making the experience of mapping textures to physical objects in real time, fun.

Advantages of Advanced Desktop computer:
- It is portable.
- Advanced Desktop computer has large memory.
- Useful for making video presentations.
- These have greater speed.
- Supports user-defined keyboard layouts
- Build-in projector- scanner support.
- Finger-print authentication.

Disadvantages of Advanced Desktop computer:
- Cost of Advanced Desktop computer is very high.

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