

Manuscript ID : 00000-68826

International Journal of Computer Science and Mobile Computing

Volume 9, Issue 6, June 2020, Pages 46-54, Page Count - 9



Source ID : 00000069

THE ASSEMBLING OF A BASIC DESKTOP COMPUTER (CENTRAL PROCESSING UNIT)

EZEUGBOR I. C ⁽¹⁾ OKOLO C. C ⁽²⁾ ASOGWA E. C ⁽³⁾ NGENE C. C ⁽⁴⁾

⁽¹⁾ DEPARTMENT OF COMPUTER SCIENCE, Nnamdi Azikiwe University, Awka, Nigeria.

⁽²⁾ FEDERAL MIN. OF SCIENCE AND TECHNOLOGY, National Agency for Science and Engineering Infrastructure-Electronics Development Institute, Awka, Nigeria.

⁽³⁾ DEPARTMENT OF COMPUTER SCIENCE, Nnamdi Azikiwe University, Awka, Nigeria.

⁽⁴⁾ DEPARTMENT OF COMPUTER SCIENCE, Nnamdi Azikiwe University, Awka, Nigeria.

Abstract

The central processing unit is the brain of the computer unit. If you have purchased all the necessary hardware's, you have already gone through the first stage of assembling of your computer. You are advised to put on your anti-static wrist strap that will enable you discharge yourself before unpacking your components from its original anti-static bags. It is necessary to discharge yourself to avoid the danger of damaging your components by anti-static shock while making contact with the components. If you don't have an anti-static wrist strap, you can discharge yourself by touching the metal edges of the casing. Most of these parts can be bought together in what is known as a "barebones kit". In this instance, most of these components were bought together from percenttechnology.com as a barebones kit for around #35,000. There is financial advantage when we buy parts bundled together. Have all the mounting screws that come with the motherboard and a Philips screw driver handy as we will need them through all the stages. This is far cheaper when assembled than when purchased the assembled one. After securing the needed parts and materials, it will likely take between 2 and 4 hours to assemble your personal computer.

Author Keywords

Desktop Computer, Motherboard, Central Processing Unit, Assembling, hardwares

ISSN Print:

Source Type: Journals

Publication Language: English

Abbreviated Journal Title: IJCSMC

Publisher Name: ZAIN Publications

Major Subject: Physical Sciences

Subject area: Hardware and Architecture

ISSN Online: 2320-088X

Document Type: Journal Article

DOI:

Access Type: Open Access

Resource Licence: CC BY-NC

Subject Area classification: Computer Science

Source: SCOPEDATABASE

Reference