

Practical 1
Computer Hardware Research

Part B

Objective

Compare a pre-assembled system and the components that could be assembled to build a comparable system. After completing this practical, you should be able to:

- Identify the components of a pre-assembled system
- Locate prices for components needed to assemble a comparable system
- Compare the cost of a pre-assembled system and a self-assembled system.

If you can't find exact match for components, find the closest possible substitute. Use the Internet and available computer-related publications as your sources for information.

Examples of websites for computer parts www.komplett.ie, www.dell.ie, www.custompc.ie

	Pre-Assembled Computer Package	Computer Package Components
CPU	i3 3220 3.30ghz	i3 3220 15
Memory		
Cache	3M	3M
RAM	8GB DDR3	8GB DDR3 10
Hard Drive	500GB	500GB HDD 14
CD-ROM/DVD	CD ROM	None
Input/Output		
Keyboard	generic KB+M 2x22inch DELL none Wifi Dongle	Wired KB+M free
Pointing Device		2x22 inch Samsung 75
Monitor		Creative speakers 20
Speakers		Ethernet cable 5
Network Adapter		(+B75M) 55 (+case) free
Bundled Software (Including Operating System)	WIN10	Ebay Win10 4
Total Cost	178	202 Eur

+300 watt PSU 4