**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section \_\_\_\_ Activity No. 10**

**Processor and Memory**

1. Go to *ark.intel.com* website and record the specs of the processors on the left:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Processor** | **Clock Speed** | **Number of Cores** | **FSB Speed** | **Instruction Set** | **Memory Type** | **Cache** |
| Any 3rd Gen i7 processor |  |  |  |  |  |  |
| Any Intel Celeron processor |  |  |  |  |  |  |
| Any Pentium 4 processor |  |  |  |  |  |  |

1. Goto [www.cpuid.com](http://www.cpuid.com) and click CPU-Z 1.68 link and then install in your computer. Finally answer the following:

|  |  |  |  |
| --- | --- | --- | --- |
| **Question** | **Your Answer** | **Question** | **Your Answer** |
| *Processor Name* |  | *Motherboard Model* |  |
| *Socket* |  | *Chipset Info* |  |
| *Specification* |  | *Southbridge info* |  |
| *Number of Cores* |  | *Memory Type* |  |
| *Core Speed (just the whole number)* |  | *Memory Size* |  |
| *Bus Speed (just the whole number)* |  | *Channel # (if any)* |  |
| *L1 Cache Data info* |  | *DRAM Frequency* |  |
| *L2 info* |  | *SPD Slot#1 Module Size* |  |
| *L3 info* |  | *SPD Slot#1*  *Max Bandwith* |  |
| *Motherboard Manufacturer* |  | *SPD Slot#1 Manufacturer* |  |