**Chapter 3 - Motherboard and Component Compatibility**

Directions: For each of the motherboards listed, check to see if the parts that follow it are compatible with that motherboard. Finally supply the reason why that component and motherboard would or would not work together.

[Motherboard # 1](http://www.newegg.com/Product/Product.aspx?Item=N82E16813157482)

|  |  |  |
| --- | --- | --- |
| **Component** | **Compatible? (Yes or No)** | **Rationale** |
| [CPU # 1](http://www.newegg.com/Product/Product.aspx?Item=N82E16819113328) | No | Motherboard has FM2+ socket and CPU requires Athlon X4 socket. |
| [Power Supply](http://www.newegg.com/Product/Product.aspx?Item=9SIA4CP1GF9431) |  |  |
| [Case](http://www.newegg.com/Product/Product.aspx?Item=N82E16811129100) |  |  |
| [RAM](http://www.newegg.com/Product/Product.aspx?Item=N82E16820231781) |  |  |
| [Optical Drive](http://www.newegg.com/Product/Product.aspx?Item=9SIA1KT0ET1862) |  |  |
| [Graphics Card](http://www.newegg.com/Product/Product.aspx?Item=N82E16814129182) |  |  |

[Motherboard # 2](http://www.newegg.com/Product/Product.aspx?Item=N82E16813157205)

|  |  |  |
| --- | --- | --- |
| **Component** | **Compatible? (Yes or No)** | **Rationale** |
| [CPU # 2](http://www.newegg.com/Product/Product.aspx?Item=N82E16819117369) |  |  |
| [Power Supply](http://www.newegg.com/Product/Product.aspx?Item=N82E16817338031) |  |  |
| [Case](http://www.newegg.com/Product/Product.aspx?Item=N82E16811119197) |  |  |
| [RAM](http://www.newegg.com/Product/Product.aspx?Item=N82E16820231522) |  |  |
| [Hard Drive](http://www.newegg.com/Product/Product.aspx?Item=N82E16822148784) |  |  |
| [Graphics Card](http://www.newegg.com/Product/Product.aspx?Item=N82E16814127751) |  |  |

[Motherboard # 3](http://www.newegg.com/Product/Product.aspx?Item=N82E16813157205)

|  |  |  |
| --- | --- | --- |
| **Component** | **Compatible? (Yes or No)** | **Rationale** |
| [CPU # 3](http://www.newegg.com/Product/Product.aspx?Item=N82E16819113286) |  |  |
| [Power Supply](http://www.newegg.com/Product/Product.aspx?Item=N82E16817182006) |  |  |
| [Case](http://www.newegg.com/Product/Product.aspx?Item=N82E16811156063&ignorebbr=1&cm_re=PPSSBGDRYLXVJN-_-11-156-063-_-Product) |  |  |
| [RAM](http://www.newegg.com/Product/Product.aspx?Item=N82E16820104444) |  |  |
| [Hard Drive](http://www.newegg.com/Product/Product.aspx?Item=N82E16822236345) |  |  |
| [Graphics Card](http://www.newegg.com/Product/Product.aspx?Item=N82E16814121836) |  |  |

[Motherboard # 4](http://www.newegg.com/Product/Product.aspx?Item=N82E16813130788)

|  |  |  |
| --- | --- | --- |
| **Component** | **Compatible? (Yes or No)** | **Rationale** |
| [CPU # 4](http://www.newegg.com/Product/Product.aspx?Item=N82E16819116948) |  |  |
| [Power Supply](http://www.newegg.com/Product/Product.aspx?Item=N82E16817152028) |  |  |
| [Case](http://www.newegg.com/Product/Product.aspx?Item=N82E16811133258) |  |  |
| [RAM](http://www.newegg.com/Product/Product.aspx?Item=N82E16820144614) |  |  |
| [Heatsink](http://www.newegg.com/Product/Product.aspx?Item=N82E16835203013) |  |  |
| [Graphics Card](http://www.newegg.com/Product/Product.aspx?Item=N82E16814202080) |  |  |