Reference Plan Jake, Wu

**<500 Study**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | [Intel Core i3 7100](http://detail.zol.com.cn/cpu/index1163851.shtml) | 110 |
| **Motherboard** | [ASUS EX-B250M-V3](http://detail.zol.com.cn/motherboard/index1164926.shtml) | 70 |
| **RAM** | [Kingston Low Voltage Edition 4GB DDR4 2400 (KVR24N17S8/4)](http://detail.zol.com.cn/memory/index1161695.shtml) | 80 |
| **HD/SSD** | [Western Digital 1TB 7200 to 64MB SATA3 Blue Disk (WD10EZEX)](http://detail.zol.com.cn/hard_drives/index330566.shtml) | 40 |
| **GPU** | CPU built-in core graphics | 60 |
| power |  | 40 |
| Monitor and other stuff |  | 100 |

**Total: $490**

**500-800 Study**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | [Intel Core i5 8400](http://detail.zol.com.cn/cpu/index1177032.shtml) | 180 |
| **Motherboard** | [ASUS PRIME B250M-PLUS](http://detail.zol.com.cn/motherboard/index1163522.shtml) | 80 |
| **RAM** | [Corsair 16GB DDR4 2133 (CMV16GX4M1A2133C15)](http://detail.zol.com.cn/memory/index1161529.shtml) | 100 |
| **HD/SSD** | [Western Digital 1TB 7200 to 64MB SATA3 Blue Disk (WD10EZEX)](http://detail.zol.com.cn/hard_drives/index330566.shtml)  [Toshiba TR200 (240GB)](http://detail.zol.com.cn/solid_state_drive/index1184169.shtml) | 50  70 |
| **GPU** | [ASUS DUAL-GTX 1050Ti-4G](http://detail.zol.com.cn/vga/index1158483.shtml) | 180 |
| power |  | 40 |
| Monitor and other stuff |  | 100 |

**Total: $800**

**>800 Study**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | [Intel Core i5 8400](http://detail.zol.com.cn/cpu/index1177032.shtml) | 180 |
| **Motherboard** | [ASUS PRIME B250M-PLUS](http://detail.zol.com.cn/motherboard/index1163522.shtml) | 80 |
| **RAM** | [Corsair 16GB DDR4 2133 (CMV16GX4M1A2133C15)](http://detail.zol.com.cn/memory/index1161529.shtml) | 100 |
| **HD/SSD** | [Western Digital 1TB 7200 to 64MB SATA3 Blue Disk (WD10EZEX)](http://detail.zol.com.cn/hard_drives/index330566.shtml)  [Toshiba TR200 (240GB)](http://detail.zol.com.cn/solid_state_drive/index1184169.shtml) | 50  70 |
| **GPU** | [Sapphire R9 290X 4G GDDR5 Platinum Edition OC](http://detail.zol.com.cn/vga/index369382.shtml) | 480 |
| power |  | 40 |
| Monitor and other stuff |  | 100 |

**Total: $1100**

**<500 Game**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | [AMD Ryzen 3 1200](http://detail.zol.com.cn/cpu/index1164822.shtml) | 110 |
| **Motherboard** | [MSI B350M PRO-VDH](http://detail.zol.com.cn/motherboard/index1169931.shtml) | 80 |
| **RAM** |  | 50 |
| **HD/SSD** | [Western Digital 500GB 7200 to 16MB SATA3 Blue Disk (WD5000AAKX)](http://detail.zol.com.cn/hard_drives/index270328.shtml) [[GALAXY Iron Armor (120GB)](http://detail.zol.com.cn/solid_state_drive/index384164.shtml)](http://detail.zol.com.cn/solid_state_drive/index1184169.shtml) | 30  50 |
| **GPU** | [Sapphire RX 460 4G D5 Super Platinum OC](http://detail.zol.com.cn/vga/index1152321.shtml) | 120 |
| power |  | 30 |
| Monitor and other stuff |  | 30 |

**Total: $500**

**500-800 Game**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | Intel Core i5-8500 (bulk) | 190 |
| **Motherboard** | ASUS TUF B360M-PLUS GAMING | 80 |
| **RAM** | Kingston hacker godry Fury series DDR4 2400 16G memory | 130 |
| **HD/SSD** | [Western Digital 500GB 7200 to 16MB SATA3 Blue Disk (WD5000AAKX)](http://detail.zol.com.cn/hard_drives/index270328.shtml) [[GALAXY Iron Armor (120GB)](http://detail.zol.com.cn/solid_state_drive/index384164.shtml)](http://detail.zol.com.cn/solid_state_drive/index1184169.shtml) | 30  50 |
| **GPU** | Dylan DEVIL RX590 8G | 260 |
| power |  | 30 |
| Monitor and other stuff |  | 30 |

**Total: $800**

**>800 Game**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | Intel Core i7-8700K (scatter) | 350 |
| **Motherboard** | MSI Z370 TOMAHAWK Tomahawk missile motherboard | 180 |
| **RAM** | American Pirate Ship Avengers LPX DDR4 3000 8GB Memory\*2 | 100\*2 |
| **HD/SSD** | Samsung PM961 256G M.2 NVMe Solid State Drive  Seagate (ST) 2TB 7200 to 64M mechanical hard drive | 90  60 |
| **GPU** | MSI GTX 1080 Ti DUKE 11G Dark Dragon | 1000 |
| power |  | 80 |
| Monitor and other stuff |  | 100 |

**Total: $1860**

**<500 Design**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | Intel Pentium G4500 (boxed) | 70 |
| **Motherboard** | Gigabyte H110M-DS2V motherboard (supports DDR4 memory) | 80 |
| **RAM** | Kingston DDR4 2133 8G | 60 |
| **HD/SSD** | Kingston UV400 Series 120G Solid State or WD 1T Mechanical Hard Drive  e | 40 |
| **GPU** | CPU built-in core graphics | 60 |
| power |  | 10 |
| Monitor and other stuff |  | 40 |

**Total: $360**

**500-800 Design**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | AMD Ruilong Ryzen 5 2600 | 180 |
| **Motherboard** | ASUS PRIME B450M-A motherboard | 100 |
| **RAM** | Kingston hacker god 8g ddr4 2400 | 60 |
| **HD/SSD** | Western Digital Green Series 240G NGFF M.2 Interface Solid State Drive | 30 |
| **GPU** | Sapphire RX590 8G D5 Super Platinum OC | 300 |
| power |  | 30 |
| Monitor and other stuff |  | 50 |

**Total: $750**

**>800 Design**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | Intel Core i7 8700K (scatter) | 350 |
| **Motherboard** | ASUS PRIME Z370-P motherboard | 180 |
| **RAM** | Kingston hacker gods Fury series DDR4 2400 16G memory \* 2 roots | 240\*2 |
| **HD/SSD** | Samsung 960 EVO 250G M.2 NVMe Solid State Drive  Seagate (ST) 2TB 7200 to 64M mechanical hard drive | 110  50 |
| **GPU** | Leadtek Quadro P2000 5GB GDDR5 | 300 |
| power |  | 60 |
| Monitor and other stuff |  | 100 |

**Total: $1630**

**<500 Work**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | Intel Core i3-8100 (scatter) | 110 |
| **Motherboard** | GALAXY B360M-M.2 motherboard | 60 |
| **RAM** | Awesome red 8G DDR4 2400 memory | 50 |
| **HD/SSD** | Electrode light series A750 256G solid state hard disk  e | 30 |
| **GPU** | CPU built-in core graphics | 60 |
| power |  | 10 |
| Monitor and other stuff |  | 40 |

**Total: $360**

**500-800 Work**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | AMD Ruilong Ryzen 5 2400G (boxed) | 180 |
| **Motherboard** | ASRock B450M Pro4 motherboard | 80 |
| **RAM** | Kingston 8G DDR4 2400 memory \* 2 roots (16G large memory) | 70\*2 |
| **HD/SSD** | Taipower NP800 Phantom Series NVMe 240GB M.2 Solid State Drive | 80 |
| **GPU** | CPU built-in core graphics | 60 |
| power |  | 30 |
| Monitor and other stuff |  | 100 |

**Total: $670**

**>800 Work**

|  |  |  |
| --- | --- | --- |
| **configuration** | **Model** | **price** |
| **CPU** | Intel Core i7 8700K (scatter) | 350 |
| **Motherboard** | ASUS PRIME Z370-P motherboard | 180 |
| **RAM** | Kingston hacker gods Fury series DDR4 2400 16G memory \* 2 roots | 240\*2 |
| **HD/SSD** | Samsung 960 EVO 250G M.2 NVMe Solid State Drive  Seagate (ST) 2TB 7200 to 64M mechanical hard drive | 110  50 |
| **GPU** | Leadtek Quadro P2000 5GB GDDR5 | 300 |
| power |  | 60 |
| Monitor and other stuff |  | 100 |

**Total: $1630**