

## PC Build – Detailed Specifications for Zeus

### Graphics Card:

**GAMING X GeForce RTX 3050 6GB GDDR6** – A solid entry-level GPU powered by NVIDIA's Ampere architecture, featuring 6GB of GDDR6 memory and efficient ray tracing and DLSS support. With dual HDMI and DisplayPort outputs, this card is ideal for 1080p gaming, multimedia editing, and everyday computing, offering great value with reliable cooling from the GAMING X dual-fan design.

### Processor:

**Intel Core i5-12400F (6-Core, 12-Thread, up to 4.4GHz)** – This 12th Gen Alder Lake CPU delivers excellent performance for gaming and productivity. With a base frequency of 2.5 GHz and a turbo boost up to 4.4 GHz, along with 18MB Smart Cache, it handles modern tasks with ease. Note: The "F" variant requires a dedicated GPU, as it lacks integrated graphics.

### Motherboard:

**MSI PRO H610M-G DDR4 (mATX, LGA 1700)** – Designed for Intel 12th Gen processors, this Micro ATX motherboard supports DDR4 memory, PCIe 4.0 for fast graphics, and offers connectivity options including USB 3.2, 2.5Gbps LAN, and M.2 NVMe SSD slots. It's a cost-effective and reliable platform for mid-range builds.

### Memory:

**Patriot Viper Steel DDR4 16GB (2x8GB) 3600MHz CL18** – High-performance memory modules built for gamers and power users. Running at 3600MHz with XMP 2.0 support, this kit offers strong multitasking and gaming performance with a sleek aluminum heatspreader for thermal stability.

### Storage:

**Patriot P300 512GB M.2 PCIe Gen3 x4 NVMe SSD** – This SSD provides fast boot and load times with up to 1700MB/s read and 1100MB/s write speeds. Built on PCIe Gen3 x4 architecture, it ensures responsive system performance and low power consumption in a compact M.2 2280 form factor.

### Case:

**SAMA 3509 Mid Tower Case – Steel Mesh Front & Tempered Glass Side Panel** – Stylish and functional, this case features 4 pre-installed ARGB fans, a steel mesh front panel for airflow, and tempered glass for aesthetics. It supports full ATX motherboards and up to 360mm radiators, making it a great choice for gaming and performance builds.

**CPU Cooler:**

**Cooler Master Hyper 212 Halo Black** – This legendary air cooler features a 120mm ARGB fan, four direct-contact copper heat pipes, and an aluminum top cover. It offers efficient thermal performance for both Intel and AMD platforms, all while maintaining quiet operation and modern aesthetics.

**Power Supply:**

**Thermaltake Smart 600W – 80 Plus Certified** – A dependable power supply with active PFC and 80+ certification for energy efficiency. It delivers stable power for entry-to-mid-level systems, with enough wattage for future upgrades. Compatible with standard ATX cases and components.

**Note:** If any listed component is out of stock, we will replace it with an equivalent part from a different reputable brand to ensure the same level of performance and reliability.