

PC Build – Detailed Specifications for Blaze X

Graphics Card:

Radeon™ RX 7800 XT Gaming OC 16GB – Dual DisplayPort, Dual HDMI, PCIe 4.0

The RX 7800 XT offers fantastic performance for 1440p and 4K gaming, featuring AMD's RDNA 3 architecture. Equipped with 16GB of GDDR6 memory and dual DisplayPort and HDMI outputs, it provides excellent support for multiple displays and high-quality gaming experiences. The Gaming OC model ensures optimized cooling for stable performance under load.

Processor:

AMD Ryzen 7 7800X3D – 8 Cores, 16 Threads, 4.2 GHz (Base), 5.0 GHz (Boost), AM5

A powerhouse CPU based on the Zen 4 architecture, the Ryzen 7 7800X3D brings exceptional gaming and multitasking performance with its 3D V-Cache technology. With 8 cores and 16 threads, it delivers excellent single-core performance for gaming while handling demanding multi-threaded workloads with ease.

Motherboard:

MSI PRO B650-S WIFI – AM5, DDR5, PCIe 5.0, Wi-Fi 6E, Bluetooth, SATA 6Gb/s, ATX

This motherboard is built for AMD Ryzen 7000 series processors, supporting DDR5 memory, PCIe 5.0, and advanced connectivity features such as Wi-Fi 6E and Bluetooth. The ATX form factor provides ample space for expansion, and its solid design ensures stability for high-performance builds.

Memory:

Patriot Viper Venom DDR5 32GB (2x16GB) 5600MHz CL36 – Intel XMP/AMD EXPO Compatible

High-speed DDR5 RAM with a frequency of 5600 MHz and low CAS latency (CL36), delivering the performance needed for gaming and multitasking. With full compatibility for Intel XMP and AMD EXPO profiles, this RAM is easy to configure for peak performance.

Storage:

KingSpec XG 7000 2TB M.2 PCIe 4.0x4 NVMe SSD – Up to 7400MB/s Read, 6600MB/s Write

A lightning-fast PCIe 4.0 SSD offering massive storage capacity with outstanding read and write speeds. The 2TB capacity ensures ample space for games, files, and applications, while the heatsink design helps maintain optimal thermal performance.

Case:

Corsair 3500X ARGB Mid-Tower ATX – Black

This sleek and stylish mid-tower case offers excellent airflow, a tempered glass side

panel, and pre-installed ARGB fans. The spacious interior supports a variety of components, and its minimalist design adds a modern touch to any build.

CPU Cooler:

SAMA L40 240mm AIO Liquid Cooler – ARGB Water Cooling, PWM Fans

A 240mm AIO liquid cooler that provides efficient cooling for the Ryzen 7 7800X3D. Equipped with ARGB lighting, it features quiet FDB bearings and provides excellent cooling performance, ensuring stable CPU temperatures under heavy workloads.

Power Supply:

MSI MAG A750BN – 750W, 80 Plus Bronze Certified, Full Modular, ATX PSU

This PSU delivers reliable and efficient power with a compact design. Its 750W capacity is ideal for high-performance systems, and it's fully modular, allowing for neat cable management. The 80 Plus Bronze certification ensures energy efficiency.

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.