PC Build – Detailed Specifications for Vortex Prime

Graphics Card:
 MSI VENTUS 2X OC GeForce RTX 4070 SUPER – 12GB GDDR6X, PCI-E, HDMI + Triple DisplayPort
 This card harnesses the power of NVIDIA's Ada Lovelace architecture, offering exceptional 1440p and solid 4K gaming performance. With 12GB of GDDR6X memory and triple-display outputs, it's well-suited for high-resolution gaming and content creation. The dual-fan VENTUS cooling ensures low temperatures and quiet operation.

Processor:
 AMD Ryzen 5 7600 – 6-Core / 12-Thread, 3.8 GHz Base (Up to 5.1 GHz Boost), AM5 Socket, 65W TDP
 Based on the Zen 4 architecture, this CPU delivers modern performance with support for DDR5 memory and PCIe 5.0. Integrated AMD Radeon graphics offer basic display output if a GPU is unavailable, and the efficient 65W TDP makes it ideal for a powerful yet cool and quiet build.

Motherboard:
 MSI PRO B650-S WiFi – ATX, AM5, DDR5, PCIe 4.0, M.2, USB 3.2 Gen 2, Wi-Fi 6E, 2.5Gb LAN
 Designed for AMD's Ryzen 7000 Series, this B650 motherboard provides cutting-edge connectivity and expansion support. With built-in Wi-Fi 6E, multiple M.2 slots, and robust power delivery, it's ideal for a performance-focused build while offering excellent upgrade potential.

Storage:
 KingSpec 1TB M.2 NVMe SSD – PCIe Gen 3.0x4, 2280 Form Factor
 A fast and reliable SSD delivering solid performance for gaming, applications, and daily use. PCIe Gen 3 may not be the latest standard, but it still offers excellent value and responsiveness in most tasks, with 1TB providing generous storage capacity.

Case:
 Antec C5 ARGB – Mid-Tower ATX Case with 7x 120mm ARGB PWM Fans, Tempered Glass, USB-C Gen 2, Radiator Support Up to 360mm
 A sleek and airflow-optimized case with a modern design and excellent cooling out of the box. With support for up to 10 fans and a dual tempered-glass layout, it blends performance and aesthetics. The Type-C port and roomy interior make it both functional and future-ready.

Cooler for CPU:
 SAMA L40 – 240mm AIO Liquid Cooler with Dual ARGB PWM Fans, FDB Bearings,

AM5 & Intel Compatible
 This all-in-one liquid cooling system ensures stable temperatures for the Ryzen 5 7600, even under extended load. The quiet PWM fans and customizable ARGB lighting enhance both the functionality and style of the system, and compatibility with AM5 ensures a hassle-free installation.

Power Supply:
 MSI MAG A750BN – 750W, PCIe 5.0 Ready, 80 Plus Bronze Certified, Fully Modular ATX PSU
 A strong and efficient PSU with ample headroom for the RTX 4070 SUPER and future upgrades. Full modularity simplifies cable management, while PCIe 5.0 compatibility ensures it's prepared for the latest GPU and component standards.

Memory (RAM):
 CORSAIR Vengeance RGB DDR5 32GB (2x16GB) – 6000MHz, CL36, PC5-48000, iCUE Compatible
 Premium DDR5 memory with high speeds and stylish RGB lighting. 6000MHz frequency allows Ryzen 7000 CPUs to perform at their best, while 32GB capacity ensures smooth multitasking, gaming, and creative workflows.

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.