**PC Build – Detailed Specifications for Liberty**

**Graphics Card:**
 **GeForce RTX 4070 VENTUS 2X E1 OC 12GB GDDR6X** – Powered by the Ada Lovelace architecture, the RTX 4070 offers exceptional performance with 12GB of high-speed GDDR6X memory and support for DLSS 3 and real-time ray tracing. The VENTUS 2X E1 OC features a dual-fan cooling system, PCIe 4.0 interface, and outputs including HDMI and triple DisplayPort for multiple high-resolution displays. This GPU is ideal for 1440p and 4K gaming, content creation, and AI-enhanced workloads.

**Processor:**
 **AMD Ryzen 5 7500F (6-Core, 12-Thread, 3.7 GHz Base / up to 5.0 GHz Boost)** – Built on the Zen 4 architecture, this AM5 processor delivers excellent gaming and productivity performance with 6 cores and 12 threads. With 6MB L2 and 32MB L3 cache, it supports PCIe 5.0 and DDR5 memory for a cutting-edge platform. Note: This model does not include integrated graphics and requires a discrete GPU.

**Motherboard:**
 **MSI PRO B650-S WiFi (ATX, AM5, DDR5, Wi-Fi 6E)** – Supporting AMD Ryzen 7000 series processors, this motherboard features DDR5 memory compatibility, dual M.2 slots, PCIe 4.0, and advanced connectivity including 2.5Gbps LAN, USB 3.2 Gen 2, and onboard Wi-Fi 6E. The PRO B650-S provides excellent power delivery and thermal design for stable operation under load, making it a solid choice for performance builds.

**Memory:**
 **CORSAIR Vengeance RGB DDR5 32GB (2x16GB) 6000MHz CL36** – With high clock speeds and dynamic RGB lighting, this DDR5 memory is optimized for the latest platforms. It supports Intel XMP 3.0 for one-click overclocking and is built with hand-sorted ICs for performance and stability. iCUE compatibility allows full customization of RGB lighting.

**Storage:**
 **KingSpec 1TB M.2 NVMe Gen3x4 SSD** – This solid-state drive offers fast read/write speeds and reliable performance thanks to its NVMe 3.0 x4 interface and NAND flash. With 1TB of capacity, it provides ample storage for games, media, and applications while improving overall system responsiveness. The M.2 2280 form factor ensures compatibility with modern motherboards and easy installation.

**Case:**
 **NZXT H9 Flow – All Black Dual-Chamber Mid-Tower** – Engineered for maximum airflow and cable management, the H9 Flow features a unique dual-chamber layout and clear tempered glass panels. It supports up to 10 fans and large radiators for high-

performance cooling. The sleek design and optimized layout make it ideal for clean, visually impressive builds.

**CPU Cooler:**
 **NZXT T120 RGB Black Air Cooler** – This high-performance air cooler features four copper heat pipes, a large aluminum heatsink, and an RGB 120mm fan with fluid dynamic bearings. It's compatible with both AMD and Intel sockets and offers excellent thermal performance with quiet operation. The sleek black finish complements modern builds.

**Power Supply:**
 **MSI MAG A750BN PCIE 5 – 750W 80+ Bronze Fully Modular PSU** – This power supply offers reliable performance with 80+ Bronze certification for efficient energy usage. It supports PCIe 5.0 for next-gen GPU compatibility, features a compact form factor, and comes with fully modular cables for easy cable management and improved airflow.

**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.