

EK Fluid Works S3000

Best Cost-to-Value Workstation



Professional Liquid Cooled Workstations

EK Fluid Works Studio Series workstations are designed and optimized for **digital content creators, pro-level VFX artists, and anyone who demands quick and reliable rendering and AI processing.** They are perfect for **accelerating workflows and meeting project deadlines.**

Optimized for:

- Media & Entertainment (M&E)
- Manufacturing & Product Design (MPD)
- Architecture, Engineering & Construction (AEC)



*All images used are symbolic and may differ from the end product purchased.

Quick Specs:

- 4rd Gen AMD Ryzen 9 CPUs
- NVIDIA GeForce RTX 4090
- 64 GB RAM
- 1200W PSU (80+ Platinum efficiency)

Innovation Sets Us Apart



UNRIVALED THERMAL PERFORMANCE
Liquid Cooling Unleashes Performance and Longevity



UNMATCHED FLEXIBILITY
User Serviceable and Upgradeable



UNBEATABLE ACOUSTIC PERFORMANCE
Extreme Performance Without Noise Pollution



UNDENIABLY BETTER ROI
Better than Air Cooled – Better than other Liquid Cooled

Why Liquid Cooling?

UNPARALLELED COOLING PERFORMANCE

Water is more effective at removing heat, resulting in lower sustained operating temperatures.

QUIET OPERATION

Larger fans move more air at lower speeds and are almost imperceptible under normal operation.

GREATER PERFORMANCE OUTPUT

Eliminating thermal throttling removes bottlenecks and increases performance output.

INCREASED COMPUTE DENSITY

Liquid cooled GPUs occupy less space, allowing 2x – 3x compute power in the same cubic footprint.

LONGER LIFESPAN

Liquid cooling eliminates thermal fatigue, allowing components to stay cooler and last longer.

Motherboard	ASUS ProArt X670E Creator	
	Chipset	X670
	Socket	AM5
	PCIe Lanes per GPU	16
	Multi-Threading	Yes
Processors	AMD Ryzen 9 7950X	
	Frequency (GHz) Base / Boost	4.5GHz/5.7GHz
	Cores / Threads	16/32
	Cooling	Liquid
Memory	64GB (2 x 32GB)	
	DIMM Sockets	2x DDR5
	Speed	6000 MHz
	Error Correcting	Non-ECC
Expansion Slots	2 x PCIe 5.0 x16 (x16 or x8/x8)	
GPUs	NVIDIA GeForce RTX 4090	
	VRAM	24GB
	Cooling	Liquid
Storage	Samsung 980 Pro NVMe M.2 SSD PCIe 4.0 (2TB)	
	Sequential Write (up to)	5100 MB/s
	Sequential Reads (up to)	7000 MB/s
	Random IOPS (up to)	680K
Power Supply	1200W (80+ Platinum efficiency)	
I/O Ports	Front I/O	
	Audio	
	2 x USB (Type-A)	
	1 x USB (Type-C)	
	Rear I/O	
	2 x Thunderbolt 4	
	7 x USB 3.2 Gen 2 (Type-A®)	
	1 x USB 3.2 2x2 (Type-C®)	
	1x 2.5GbE LAN (RJ-45) + 10GbE LAN (RJ-45)	
	3 x Audio jacks	
1 x Wifi 6E		
Cooling	CPU & GPU: EK custom liquid cooling, Case: Forced air	
	1 x pump	
	1 x reservoir	
	1 x 120mm x 480mm radiator	
	4 x 120mm fans	
Case	Custom Lian Li V3000	
	Dimensions: W x H x D (in)	9.7 x 24.6 x 23.8
	Dimensions: W x H x D (cm)	24.5 x 62.5 x 60.5
Warranty	Standard 3-year parts and labor	