

# Studio Series S3000 - Intel



## Professional Liquid Cooled Workstations

EK Fluid Works Studio Series workstations are designed for **digital content creators who want to accelerate their workflow** and complete more projects in less time.

### Optimized for:

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

### Quick Specs:

- 10th Gen Intel Core i9 X-Series CPUs
- 1x to 2x GPUs
- 32 GB to 128 GB Memory
- 1200W PSU



## 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 WS X299 PRO/SE				
	Chipset	X299			
	Socket	LGA 2066			
	PCIe Lanes per GPU	16			
	Multi-Threading	Yes			
CPUs	Intel Core i9 X-Series	10900X	10920X	10940X	10980XE
	Frequency (GHz) Base / Boost	3.7 / 4.5	3.5 / 4.6	3.3 / 4.6	3.0 / 4.6
	Cores / Threads	10 / 20	12 / 24	14 / 28	18 / 36
	Cooling	Liquid			
Memory	32GB (2 x 16GB), 64GB (4 x 16GB), 128GB (4 x 32GB)				
	DIMM Sockets	8 x DDR4			
	Speed	2933 MHz			
	Error Correcting	Non-ECC			
Expansion Slots	2 x PCIe 3.0 x16 [x16]				
GPUs	AMD Radeon Pro W5700 or NVIDIA GeForce RTX 3080				
	Max GPUs	2			
	Cooling	Liquid			
Storage	1 x NVMe M.2 SSD / 2x SATA SSD				
	Boot Drive	1x NVMe M.2 SSD PCIe 3.0 x4 (1TB, 2TB)			
	Additional NVMe Storage	N/A			
	Additional SATA Storage	2x SATA III 2.5" SSD (1TB, 2TB, 4TB, 8TB)			
	Optical Drive (ODD)	N/A			
Power Supply	1200 Watt Platinum				
I/O Ports	Front I/O				
	Audio				
	2 x USB (Type-A)				
	1 x USB (Type-C)				
	Rear I/O				
	1 x USB 3.1 Gen 2 (Type-A)				
	1 x USB 3.1 Gen 2 (Type-C)				
	4 x USB 3.1 Gen 1				
	4 x USB 2.0 (Type-A)				
	2 x 1GbE LAN (RJ-45)				
	5 x Audio jacks				
	1 x Optical S/PDIF out				
	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 1 year from ship date				