



OVERCLOCKED SERVERS FOR HFT



VEGA R-118i HFT SERVER

We understand what financial services organizations are up against today. Faced with tough competitive realities, increasing regulations large amounts of data, they require a solid IT foundation to meet all their demands. Get your High Frequency Trading [HFT] Server solutions from the experts.

HFT MODELING
& FORECASTING

RISK
ANALYSIS

FINANCIAL STRATEGY
DEVELOPMENT

VIDEO
COMPRESSION

WORLD RECORD
SPEEDS!



- » 24-core Intel® 'Sapphire Rapids' Solution
- » Enterprise Class Global Support
- » Up to 512GB DDR5
- » 1U Rackmount Form Factor
- » Redundant 2000W PSU
- » PCI-e (gen5) 4 x 16 (2x FHFL, 2x LP)
- » Up to 4x 2.5" Drive Bays



ICC VEGA REVIEW: AN OVERCLOCKED 5GHz LIQUID COOLED HFT SERVER

The ICC Vega R-116i performed well for us running stable throughout the weeks the system has been crunching benchmarks and numbers in our data center lab. The overall build is excellent and you can tell how ICC engineered the various aspects of the system down to small details like putting a skin on the web management tool and using custom DIMMs. For those in the HFT realm or others that need this type of performance, this is an excellent solution.

OVERCLOCKED SERVERS FOR FSI AND HFT WORKLOADS



LOW-LATENCY OPTIMIZED HARDWARE

Latest generation new Intel® Sapphire Rapids W-2400, designed to accelerate performance across the fastest-growing workloads.

Memory cards are tested for both speed and timings producing the lowest latency.



MULTIPLE ADD-ON CARD OPTIONS

Our 1u overclock platforms support a variety of GPUs, FPGAs and NICs. Some standard options include NVIDIA Tesla GPUs along with Solarflare, Mellanox and Exablaze NICs



CUSTOMIZED MOTHERBOARD

Customized motherboard combine overclocking with traditional server management tools.



PATENTED COOLING

The heart of the system is patented cooling technology, allowing the system to remove heat and produce faster performance.

	Vega R116i	Vega R118i
Processor	1x Intel Raptor Lake Processor	1x Intel Sapphire Rapids
Processor Speed	24 core i9-13900KS @ up to 5.8GHz	24 core w-2495 @ up to 4.9GHz 20 core w-2495 @ up to 5.0GHz 56 core w-3495 @ TBD
Memory	Up to 64Gb DDR5	Up to 512Gb DDR5
Power Supply	850W Redundant PSU	2000W Redundant PSU
Storage	Up to 4x 2.5" Drive Bays. Optional 2 X M.2	Up to 4x 2.5" Drive Bays or 2x2.5" NVme
Networking	10GbE, 25GbE, 40GbE, 100GbE, 56Gb InfiniBand. Solarflare, Mellanox, Intel, Exablaze	
Additional Features	1 x 16 PCIe or 2 x 8 PCIe	4 x 16 PCIe gen5 (2x FHFL, 2x LP)

International Computer Concepts (ICC) builds custom workstations to accelerate Design, Modeling, Rendering and Simulation workflows. Our solutions provide the fastest CPU performance at a competitive price.

