



OVERCLOCKED SERVERS FOR HFT

VEGA R-116a 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**



- » 16-core AMD Ryzen™ 7000 Series Solution
- » Enterprise Class Global Support
- » Up to 128GB DDR4
- » 1U Rackmount Form Factor
- » Redundant 1200W PSU
- » PCIe 1x 16 or 2x 8
- » Up to 4x 2.5" Drive Bays



ICC VEGA R-116i 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 AMD Ryzen 7000 Series processors unlock the next level of incredible performance.

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

Customised 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 R116a
Processor	1x AMD Ryzen 7000 Series
Processor Speed	16 cores @ up to 5.7GHz
Memory	Up to 128Gb DDR4
Power Supply	1200W Redundant PSU
Storage	Up to 4x 2.5" Drive Bays. Optional 2 X M.2
Networking	10GbE, 25GbE, 40GbE, 100GbE, 56Gb InfiniBand. Solarflare, Mellanox, Intel, Exablaze
Additional Features	1 x 16 PCIe or 2 x 8 PCIe

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

