OVERCLOCKED SERVERS FOR HFT

VEGA R-116i
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

» 8-core Intel® Core ‘Alder Lake’ i9-12900KS Solution
» Enterprise Class Global Support
» Up to 128GB DDR4
» 1U Rackmount Form Factor
» Redundant 600W PSU
» PCI-e 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 new 12th Gen Intel® Core i9-12900KS, the world’s fastest desktop processor, taking overclocking performance to the next level.

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.

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<tr>
<th>Vega Rfl6i</th>
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<tbody>
<tr>
<td>Processor</td>
<td>1x Intel Alder Lake Processor</td>
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<tr>
<td>Processor Speed</td>
<td>8 core i9-12900KS @ up to 5.4GHz</td>
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<tr>
<td>Memory</td>
<td>4 DIMMS, DDR5 up to 128Gb</td>
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<tr>
<td>Chipset</td>
<td>Intel Z690</td>
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<td>Networking</td>
<td>2x Intel i210AT GB LAN</td>
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<td>Optional Networking</td>
<td>10GbE, 25GbE, 40GbE, 100GbE, 56Gb InfiniBand. Solarflare, Mellanox, Intel, Exablaze</td>
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<td>Storage</td>
<td>Up to 4 Drives X 2.5in. Optional 2 X M.2</td>
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<td>Additional Features</td>
<td>1 x 16 PCIe (FP) or 2 x 8 PCIe (FP)</td>
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