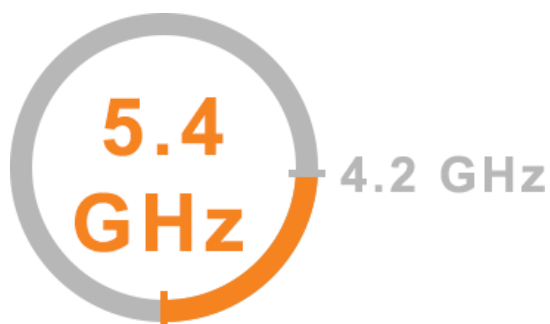


# ICC Alpha: The World's Fastest Server

Designed for HFT by people  
that think like an HFT



## Dedicated Overclocking Team

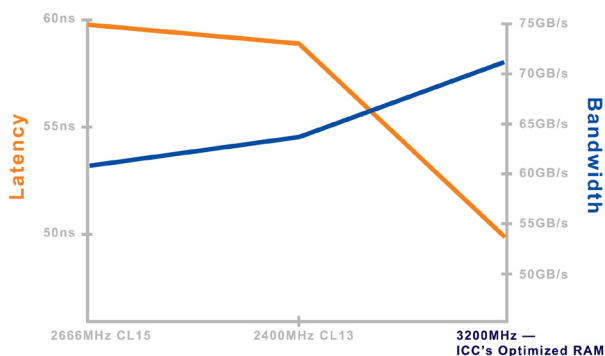
International Computer Concepts (ICC) has invested in a dedicated Overclocking Team that has developed ICC Alpha, an overclocked solution that achieves the *fastest sequential processing speeds* on the market. ICC's expert overclockers have a deep background in overclocking and the advanced cooling solutions necessary to achieve the highest performance for your business.

## RAM Optimizations

In cooperation with the industry's top vendors, ICC tested multiple memory kits to deliver the highest bandwidth and lowest latency available. Working with clients, the memory was pushed to meet stringent requirements, lowering CAS latency and the Command Rate. The RAM is run through vigorous stress testing and is offered in up to 32GB per node and 4000 MHz.

## BIOS and Linux Optimizations

At ICC, our team thinks like high-frequency traders. We isolate our CPU cores, run them at max performance, and have our own kernel. Hundreds of changes have been made to the BIOS, OS, and hardware for minimum jitter and maximum speed. We understand the HFT workload needs and have pushed our systems to their maximum potential.





INTERNATIONAL  
COMPUTER CONCEPTS

877.422.8729  
www.icc-usa.com

## Extraordinary Support

ICC Alpha and Vega servers have Advanced Swap-Out Warranty for the first year plus other service advantages. On-site support and installation is available as well.



## Technical Specifications

ICC Alpha	R-516i v7	R-518i v3	R-518i v3e	R-518i v4
<b>Form Factor</b>	2 Nodes in an 5U			
<b>Processor (per Node)</b>	Intel Core i7-7700k at 5.4 GHz (Kaby Lake-S)	Intel Core i7-5960x at 5.0 GHz (Haswell-E)	Intel Xeon E5-1680v3 at 5.0 GHz (Haswell-E)	Intel Core i7-6950x at 4.7 GHz (Broadwell-E)
<b>Memory (per Node)</b>	Up to 32 GB DDR4 at 4000 MHz	Up to 32 GB DDR4 at 3200 MHz	Up to 32 GB DDR4 at 3200MHz/2666MHz ECC	Up to 32 GB DDR4 at 3200 MHz
<b>Drives</b>	4x 2.5" SATA Drive Support (in Each of 2 Nodes)			
<b>Cooling</b>	Independent Cooling System (in Each of 2 Nodes)			
<b>Expansion</b>	1x16 and 2x8 PCIe 3.0 Full Profile (in Each of 2 Nodes)			
<b>Power Supply</b>	2000 W Peak Power Per Node, 208-240 V (Average Power: 1100 W Per Node)			



ARISTA



EXABLAZE



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