



SUPERFREQ

Overclocked Single Processor Server for HFT

8 Cores @ 4.6 GHz or 10 Cores @ 4.3 GHz



BIOS IT SUPERFREQ

BIOS IT are proud to announce the SuperFreq – our most recent addition to our innovative range of trading solutions, designed to deliver high performance and maximum reliability, ideal for high frequency trading and low latency environments.

OVERCLOCKED SINGLE SOCKET SERVER FOR HIGH FREQUENCY TRADING AND LOW LATENCY ENVIRONMENTS.

This server features innovative and reliable cooling methods to offer guaranteed and robust over-clocking performance, along with full enterprise-class server management capabilities. The closed loop, maintenance-free liquid cooling module, optimizes thermal distribution internally, ensuring the highest possible performance of the inner components including CPU & system memory, without sacrificing stability.

ENTERPRISE STANDARD PRODUCT & SUPPORT

We understand that these servers are deployed on a global basis, within mission critical environments. Therefore, we've ensured the SuperFreq is IPMI 2.0 compliant and boasts full server remote manageability. Support teams will be able to monitor SuperFreqs including temperature and voltage readings, as well as being able to access the BIOS for further settings alterations.

ABOUT BIOS IT

BIOS IT is a global IT consultancy and solution provider, focused on delivering the latest high-performance, power efficient IT solutions for the financial services industry. From liquid-cooled overclocked servers to fully bespoke trading solutions tailored to meet your exact requirements, BIOS IT provides the right solution for you.

GET IN TOUCH

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SUPERFREQ BENEFITS



INNOVATIVE
LIQUID COOLING



OVERCLOCKED
PERFORMANCE



ENTERPRISE
CLASS



EXTENDED
BURN IN



FULL WARRANTY
& SUPPORT



REMOTE
MANAGEMENT

KEY FEATURES:

- Intel® X99 Chipset
- 8 Cores @ 4.6 GHz or 10 Cores @ 4.3GHz
- Up to 64GB 3200 MHz memory or 128GB @ 2666MHz
- 5 x PCI-E Low Profile Expansion Slots
- Optional SATA / SAS Hardware RAID Controller (12Gb/s)
0, 1, 5, 6, 10, 50, 60 with 2GB Cache
Optional CacheVault for Cache protection
- Out of Band Remote Management (IPMI 2.0)
- Up to 8 x SATA / SAS Hot-Swappable Drive Bays
- 2U Chassis with maintenance free, closed-loop liquid cooling
- Redundant 740W (1+1) Platinum Level Power Supply
- International 3 year warranty options, including 24x7 with 4 hour on-site response

SUPERFREQ SPECIFICATIONS		
HEIGHT	2U	
CPU	'Haswell' 8 cores (4.6 GHz)	'Broadwell' 10 cores (4.3 GHz)
MEMORY	Up to 64GB @3200MHz	Up to 64GB DDR4 @3200MHz Up to 128GB @2666MHz
NETWORK	5 x PCIe slot	
DISK	8 x 3.5"/2.5" Hot Swappable Drive bays	

CUSTOM CONFIGURATIONS ACROSS CORE COUNT, FORM FACTOR AND SUPPORT ARE ALSO AVAILABLE

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