



SUPERFREQ

OVERCLOCKED SINGLE SOCKET SERVER



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 Haswell based server features innovative cooling methods to offer guaranteed and robust over-clocking performance, along with full enterprise-class server management capabilities. Equipped with a closed loop, maintenance-free liquid cooling module, the SuperFreq optimises thermal distribution internally, and features motherboard circuitry modifications, which all help to facilitate lower latency and jitter. In a 2U form factor, the SuperFreq can take up to 5 x PCI-e based add-on cards, providing versatility and redundancy across networking, storage and FPGA. Designed, manufactured and supported by BIOS IT globally, please contact your sales rep today for further information.

- ENTERPRISE STANDARD PRODUCT & SUPPORT
- GUARANTEED OVERCLOCKING
- 8 CORES AT 4.6 GHZ
- 64GB DDR4 MEMORY OPERATING AT 2666 MHZ
- LOW LATENCY AND LOW JITTER BIOS AND SYSTEM OPTIMIZATIONS
- 5 X PCI-E LOW PROFILE EXPANSION SLOTS
- 8 X HOT-PLUGGABLE 3.5/2.5" DRIVE BAYS
- FULL REMOTE MANAGEMENT

GET IN TOUCH

AMERICAS

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Level 12, 1 Pacific Highway,
North Sydney, NSW 2060

SUPERFREQ BENEFITS



INNOVATIVE
LIQUID COOLING



OVERCLOCKED
PERFORMANCE



MODIFIED
CIRCUITRY

KEY FEATURES:

- Intel® X99 Chipset
- 8 Cores @ 4.6 GHz
- Up to 64GB 2666 MHz memory
- 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	1U	2U
HEIGHT	1U	2U
CPU	4 cores (4.5 GHz)	8 cores (4.6 GHz)
MEMORY	64GB DDR4	64GB DDR4
NETWORK	1 x PCIe slot	5 x PCIe slot
DISK	8 x 2.5" Drive Bays	10 x 3.5" Drive bays

CUSTOMISED CONFIGURATIONS ARE ALSO AVAILABLE

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