

BIOS IT SUPERFREQ 3



Introducing the SuperFreq 3: An Exceptional High-Frequency Trading Server! Elevate your trading capabilities to new heights with SuperFreq 3 – the embodiment of low latency, high-speed, and high-performance trading technology.

The SuperFreq 3 High Frequency Trading Server establishes an unparalleled standard for performance and reliability within the realm of high-speed trading. Meticulously engineered to meet the exacting demands of today's financial markets, SuperFreq 3 is powered by leading-edge technology and meticulously optimized for lightning-fast trade execution.

SuperFreq 3 is meticulously crafted to deliver maximum performance, minimal latency, and unparalleled reliability. Whether facilitating high-frequency trades, analyzing market data, or managing risk, SuperFreq 3 consistently delivers exceptional results, day in and day out.

System Specifications:

Form factor	2U Rackmount
Chipset	Intel® W790
Processor support	Intel® Xeon® W-2400 Series Processor Overclocked
Memory type	DDR5 ECC 6000MHz Overclocked
Memory Capacity	Up to 128GB in 4 DIMM slots
Expansion Slots	4x PCIe 5.0 x16 Low Profile
Drive Support	8x Hot swap 2.5" HDD/SSD bays (RAID 0, 1, 5, 10) 1x M.2 PCIe 4.0 x4 2x NVMe 2.5" U.2 PCIe 4.0 x4 (Optional)
Network Connectivity	2x 10GbE RJ45 ports 1x 1GbE RJ45 ports
Power Supply / Efficiency	2x 1200W Redundant Power Supplies (Titanium)

Key Features

Rapid Execution:

SuperFreq 3 guarantees swift trade execution with its ultra-low latency and superior processing power, empowering users to seize opportunities in today's dynamic markets.

Unmatched Performance:

Leveraging Intel® Xeon® W-2400 series CPUs, SuperFreq 3 offers up to 24 cores and clock speeds reaching 5GHz, providing traders with unprecedented processing power to execute intricate algorithms with precision and ease.

Enterprise-Grade Liquid Cooling:

Maintain optimal system temperature and efficiency with our advanced liquid cooling solution. Engineered for longevity and reliability, this cooling unit ensures consistent thermal performance, even under demanding workloads.

Low Latency Overclocked Memory:

SuperFreq 3's 128GB DDR5 memory, clocked at 6000MHz, delivers unmatched performance and responsiveness. Tailored for low latency applications, this overclocked memory facilitates lightning-fast data access and bandwidth, critical for high-frequency trading endeavors.



Enhanced Connectivity:

Featuring four PCIe 5.0 slots, SuperFreq 3 accommodates low latency network interface cards (NICs), RAID cards, FPGA accelerators, and more. Harness the power of high-speed peripherals to optimize trading strategies and gain a competitive edge.

Scalable and Adaptable:

Whether a small trading firm or a large financial institution, SuperFreq 3 adapts to evolving needs. Choose from various configurations and customization options to tailor the server to specific requirements.

IPMI Remote Server Management:

Effortlessly manage your server with IPMI (Intelligent Platform Management Interface) remote management capabilities. Equipped with iKVM (Integrated Keyboard, Video, and Mouse) and Virtual Media support, administrators can remotely monitor, troubleshoot, and manage the server from any location worldwide.

Trusted by Global Traders:

Join the esteemed community of traders who rely on SuperFreq 3 for its exceptional performance, reliability, and state-of-the-art technology.