

PROCESSORIntel® Core™
i9-10900K**CORES**10 Cores
Active**MEMORY**4 x 32GB
DDR4**HYPER-SPEED
RAM**Up to
3200MHz**BASE CPU**

3.7GHz

**HYPER-SPEED
CPU**Up to
5.3GHz

XENON eXtreme™ RX990i G3 HFT Server

World-class Performance

Overclocked up to 5.3GHz
with 10 Cores Active



Greater Reliability

New cooling subsystem
delivers over
20% improvement



Latency Optimised

Optimised BIOS & Linux
OS to deliver deterministic
low jitter latency



Greater Expandability

Supporting up to
2 adapters
1 x LP/HL and 1 x FH/HL



Support and Warranty

24 x 7 Global
Onsite Support
Options



Specifications

Model	XENON eXtreme™ RX990i G3 10 Cores 5.3GHz Solo 1U HFT Server
Performance	<ul style="list-style-type: none"> • Overclocked: Up to 5.3GHz with 10 Cores Active • Hyper-speed RAM: Up to 3200MHz
CPU	Single Intel® Core™ i9-10900K (Comet Lake) 10 Cores 3.7GHz 20MB L3 Cache 125W Up to 5.3GHz (10 Active Cores)
Memory	Up to 4 x 32GB DDR4-3200MHz UDIMM
CPU Cooling	XENON Closed Loop 1U XLT Cooler
Dual Expansion Slots	1 x PCIe 3.0 x16 (x8 signal with LP/HL NIC) 1 x PCIe 3.0 x16 (x8 signal with FH/HL NIC)
Storage Expansion	4 x Hot-Swap 2.5" Drive Bays
Storage Controller	Integrated Intel® 4 port SATA3 6Gb/s
Input / Output	4 x USB 3.0 (Rear), 1 DisplayPort, 1 HDMI port
LAN	Single LAN with Intel® Ethernet Controller PHY i219V Single LAN with Aquantia® AQC107 10G Ethernet Controller
PSU	750W Platinum Redundant PSU
Remote Management	Not Available



XENON eXtreme™ RX990i G3

This Intel® Core™ i9 Comet Lake system delivers 10 Cores, 20MB of L3 cache. Overclocked with XENON proprietary BIOS and XENON closed loop liquid cooling, this complete system is engineering and tested so every part works in harmony to deliver a consistent 5.3GHz speed and low latency connectivity. Combined with up to 128GB DDR4 UDIMM memory, 4 x hot swappable 2.5" drive bays, this system is the bedrock of High Frequency Trading platforms.

XENON's eXtreme HFT Server Solutions are:

- Designed specifically for low latency algorithmic trading by selecting best of breed components
- Designed for maximum performance with safely overclocked processors and memory
- Tested extensively for durability to ensure 24 x 7 operating time
- A scalable architecture with predictable performance that adjusts to meet business requirements
- Equipped to handle extremely volatile periods of market activity without loss or downtime
- Compact 1 Rack Unit (RU) design
- Backed by 24 x 7 Global Onsite Warranty Support Options
- Certified by local authorities for use in China (CCC) and Korea (KC)



For a Quote on Your System

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[Get Started Today](#)