

Raptor Lake

High Performance Server



8

CPU
CORES

UP TO

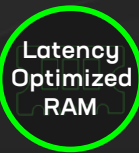
5.8GHz

CLOCKSPEED

UP TO

128GB

RAM



**FPGA compatible.
Proven & Reliable overclocking
technology.**

Our Raptor Lake server features Intel's latest desktop platform - The blazing fast Intel® Core™ i9-13900KS.

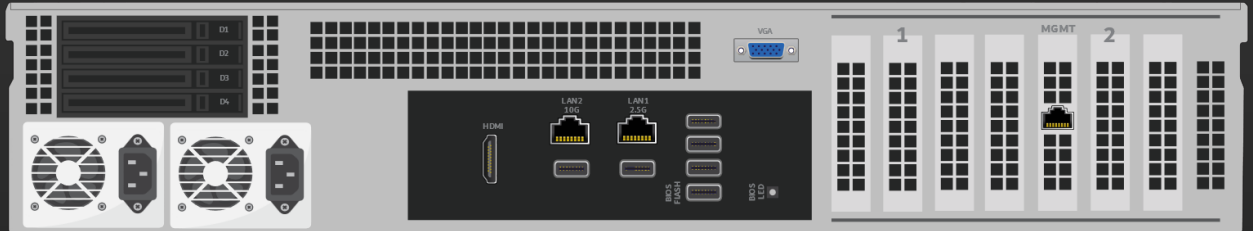
The Raptor Lake platform is designed for low core count, high speed, ultra-low latency trading applications with a small cache footprint.

As always, we've taken Intel's fastest CPU yet and made it even faster. Clocking in at up to 5.8GHz across all 8 cores it's super quick. Combined with up to 5.0GHz cache speed, this server is the fastest we've launched to date.



G3 RPL

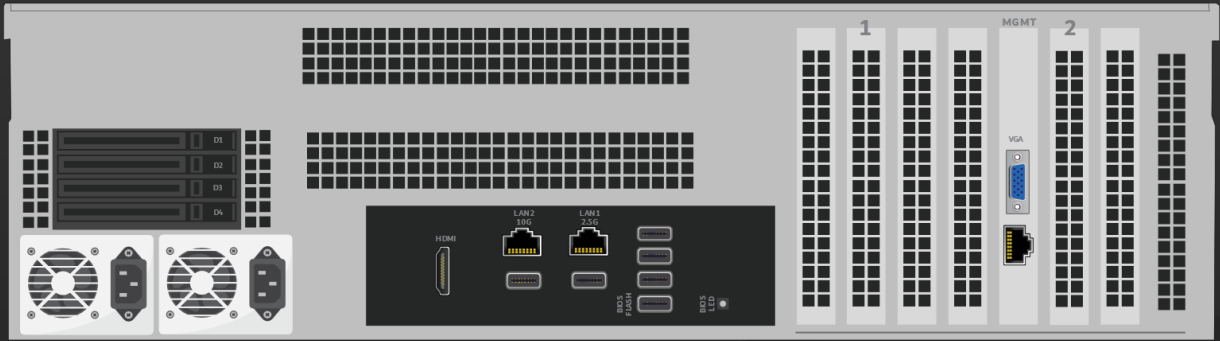
High Performance Server 2U - Standard



CPU	Intel® Core™ i9-13900KS
CPU Frequency	Up to 8 Cores @ 5.8GHz (all-core) SSE
Cache	36MB @ 5.0GHz
Chipset	Z790
RAM	Up to 128GB of latency tuned high performance DDR5
PCIe	Slot 1 - Physical x16, Electrical x16, HHFL Double Width (Electrical x8 when Slot2 is populated) Slot 2 - Physical x16, Electrical x8, HHFL Single Width
LAN	1 x RJ45 Intel® 2.5Gb Ethernet 1 x RJ45 Marvell® 10Gb Ethernet 1 x RJ45 Dedicated IPMI LAN (AST 2600)
Rear I/O	1 x VGA 1 x HDMI port 6 x USB 3.2 Gen 2
RAID	Onboard RAID 0, 1, 5, 10 Optional Hardware RAID 0,00,1,10 - no cache Optional Hardware RAID 0,00,1,10,5,6,60 - 4GB cache
Storage	4 x 2.5" SATA OR 2 x 2.5" NVMe hot-swap caddy 2 x M.2 Socket M
PSU	1300W Dual Redundant
OS Compatibility	Minimum - RHEL 8.7+, Kernel 4.18+ Recommended - RHEL 9.1
Management Tools	AMI SCE, Redfish
Dimensions	88 x 438 x 720mm (H x W x D)

G3 RPL

High Performance Server 3U - FPGA



CPU	Intel® Core™ i9-13900KS
CPU Frequency	up to 8 Cores @ 5.8GHz (all core) SSE
Cache	36MB @ 5.0GHz
Chipset	Z790
RAM	Up to 128GB of latency tuned high performance DDR5
PCIe	Slot 1 - Physical x16, Electrical x16, FHFL Double Width (Electrical x8 when Slot2 is populated) Slot 2 - Physical x16, Electrical x8, FHFL Single Width
LAN	1 x RJ45 Intel® 2.5Gb Ethernet 1 x RJ45 Marvell® 10Gb Ethernet 1 x RJ45 Dedicated IPMI LAN (AST 2600)
Rear I/O	1 x VGA 1 x HDMI port 6 x USB 3.2 Gen 2
RAID	Onboard RAID 0, 1, 5, 10 Optional Hardware RAID 0,00,1,10 - no cache Optional Hardware RAID 0,00,1,10,5,6,60 - 4GB cache
Storage	4 x 2.5" SATA OR 2 x 2.5" NVMe hot-swap caddy 2 x M.2 Socket M
PSU	1300W Dual Redundant
OS Compatibility	Minimum - RHEL 8.7+, Kernel 4.18+ Recommended - RHEL 9.1
Management Tools	AMI SCE, Redfish
Dimensions	132 x 438 x 720mm (H x W x D)