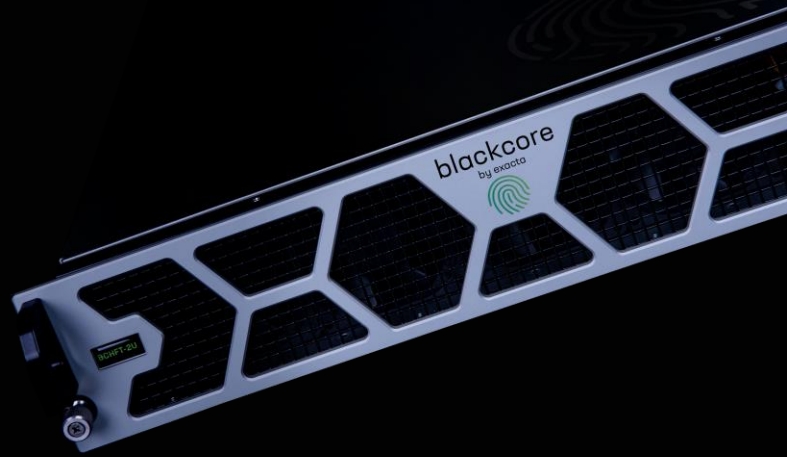




# Rocket Lake HFT Server



Available in 1U, 2U, 3U. FPGA compatible.

Our 8 core Rocket Lake server features Intel's latest desktop platform - The blazing fast Intel Intel® Core™ i9-11900K

Rocket Lake is boasting 20% IPC gains over Comet Lake and better performance per Watt

As always, we've taken Intel's fastest CPU yet and made it even faster. Clocking in at up to 5.2GHz across all 8 cores it's super quick. Combined with 4.7GHz cache speed, this server is faster than fast.

- Up to 8 Cores @ 5.2GHz
- 16MB Cache @ 4.7GHz
- Latency optimised RAM
- Proven overclocking technology

## Server Specs

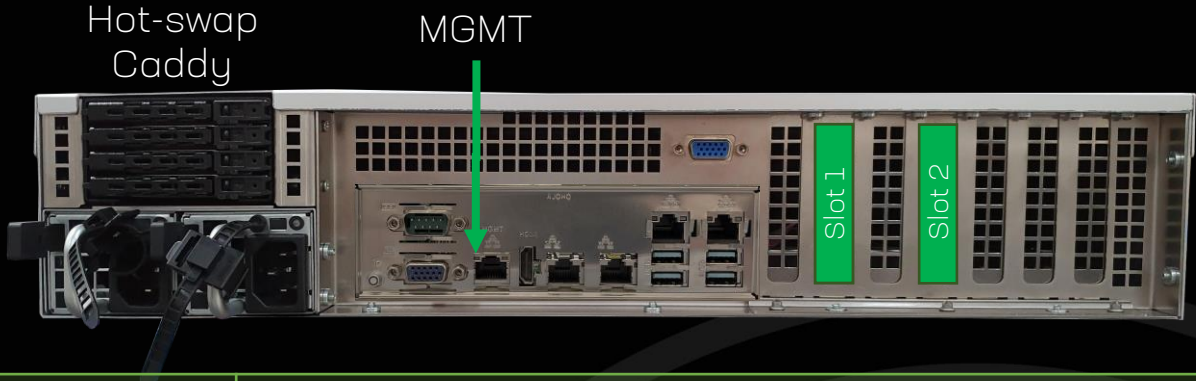
**8** CPU  
Cores

Up to  
**5.2GHz**  
clockspeed

Up to  
**128GB**  
RAM



## 2U - Standard

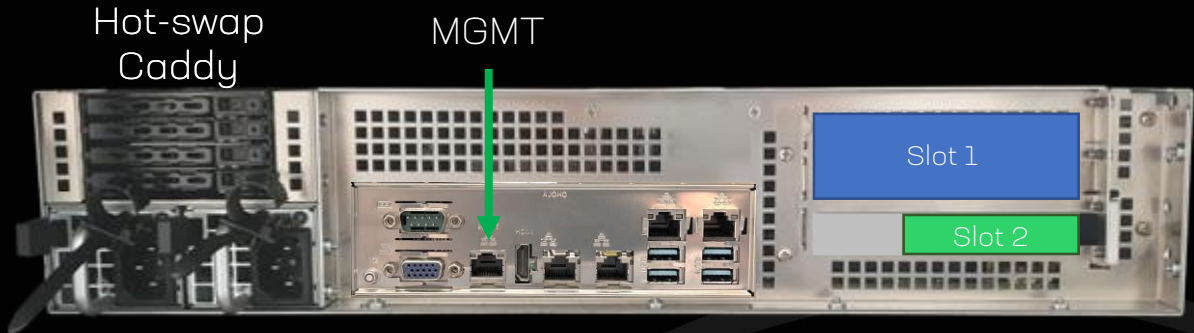


CPU	Intel® Core™ i9-11900K
CPU Frequency	up to 8 Cores @ 5.2GHz (all-core)
Cache	16MB @ 4.7GHz
Chipset	Z490
RAM	Up to 128GB of latency tuned high performance DDR4
PCIe	Slot 1 - Physical x16, Electrical x16, HHFL Double Width (Electrical x8 when Slot2 is populated) Slot 2 - Physical x8, Electrical x8, HHFL Double Width
LAN	2 x RJ45 1Gbe (Intel® i210) 2 x RJ45 10Gbe (Intel® X710-AT2) 1 x RJ45 Dedicated IPMI LAN (ASPEED AST2500)
Rear I/O	1 x VGA 1 x HDMI port 1 x Serial Port 2 x USB 3.2 Gen 2 Type-A 2 x USB 3.2 Gen 1 ports 4 x USB 2.0/1.1 ports
RAID	Onboard RAID 0, 1, 5, 10 Hardware RAID optional
Storage	4 x 2.5" SATA hot-swap caddy Or 2x 2.5" NVMe hot-swap caddy 2 x M.2 Socket 3
PSU	1300W Dual Redundant
Depth	720mm





## 2U - FPGA

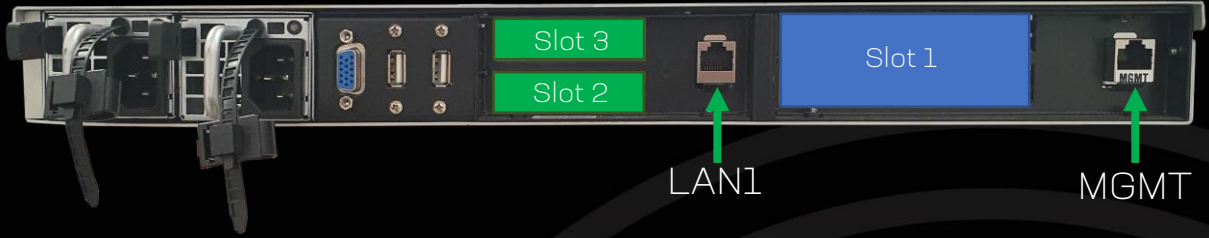


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Rear I/O	1 x VGA 1 x HDMI port 1 x Serial Port 2 x USB 3.2 Gen 2 Type-A 2 x USB 3.2 Gen 1 ports 4 x USB 2.0/1.1 ports
RAID	Onboard RAID 0, 1, 5, 10 Hardware RAID optional
Storage	4 x 2.5" SATA hot-swap caddy Or 2x 2.5" NVMe hot-swap caddy 2 x M.2 Socket 3
PSU	1300W Dual Redundant
Depth	720mm



## 1U - Standard

Hot-swap  
Caddy



CPU	Intel® Core™ i9-11900K
CPU Frequency	up to 8 Cores @ 5.1GHz (all-core)
Cache	16MB @ 4.7GHz
Chipset	Z490
RAM	Up to 128GB of latency tuned high performance DDR4
PCIe	Slot 1 - Physical x16, Electrical x16, FHFL Double Width Slot 2 - Physical x8, Electrical x8, HHFL Single Width Slot 3 - Physical x8, Electrical x8, HHFL Single Width
LAN	2 x RJ45 1Gbe (Intel® i210) 2 x RJ45 10Gbe (Intel® X710-AT2) 1 x RJ45 Dedicated IPMI LAN
Rear I/O	1 x VGA 1 x HDMI port 1 x Serial Port 2 x USB 3.2 Gen 2 Type-A 2 x USB 3.2 Gen 1 ports 4 x USB 2.0/1.1 ports
RAID	Onboard RAID 0, 1, 5, 10 Hardware RAID optional
Storage	4 x 2.5" SATA hot-swap caddy Or 2x 2.5" NVMe hot-swap caddy 2 x M.2 Socket 3
PSU	1300W Dual Redundant
Depth	720mm