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Enterprise Dual Socket Intel 1U

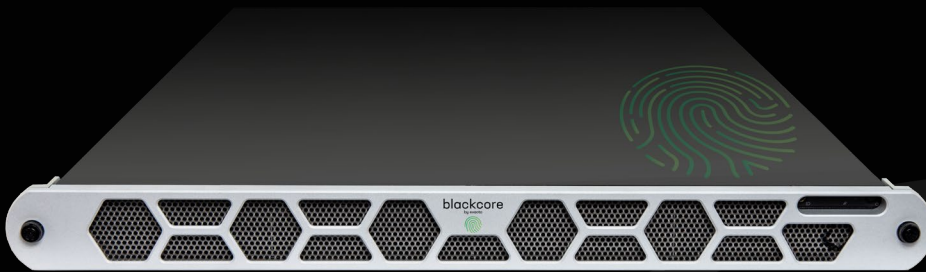**intel XEON inside™**

1U high performance, high density enterprise server system built on 2nd Generation Intel® Xeon® Scalable processors.

This system supports dual 2nd Generation Intel® Xeon® Scalable Processors up to 165W TDP and all the benefits that come with it.

Our choice CPU is the Xeon® Gold 6250 for it's high 4.5GHz all-core turbo boost. Great AVX-512 performance and Intel's extensive in-chip optimisations such as their Machine/Deep Learning accelerators based on the OneAPI make them the perfect choice.

ECC RAM support for increased reliability and enables high memory density up to 7.5TB depending on CPU and RAM SKU.

Ultimately providing an extremely high-performance system with extreme density for large data sets, market research, quantitative analytics and back-testing

Superior reliability and long-term support come as standard.

Server Specs

Dual
2nd Gen
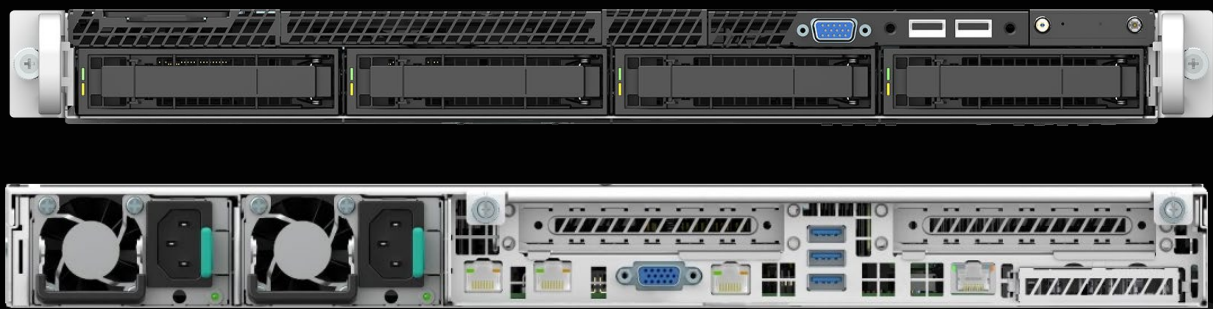Xeon Scalable (165W)

Up to
8x 2.5"
SATA/SAS/ NVMe

Up to
7.5TB
ECC RAM

intel partner Titanium

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1U - 8-bay 2.5"

CPU	Dual socket 2nd Generation Intel® Xeon® Scalable up to 165W TDP
Chipset	Intel® C624
RAM	Up to 7.5TB of ECC 2933MHz DDR4
PCIe	Riser Card 1 - x16 PCIe Gen 3 Riser Card 2 - x16 PCIe Gen 3
LAN	2 x 1Gbe (RJ45) 1 x Remote Management Port - 1Gbe (RJ45)
Rear I/O	1 x VGA 3 x USB 3.0 1 x Serial Port (RJ45)
Front I/O	1 x VGA 2 x USB 3.0
RAID	Onboard RAID 0, 1, 5, 10 Hardware RAID optional
Storage	8 x 2.5" SATA/SAS/NVMe (Max 4x NVMe) 1 x M.2 - Up to 2280 form factor, PCIe x4 / SATA 1 x M.2 - Up to 2280 form factor, PCIe x2 / SATA
PSU	1300W Dual Redundant
Dimensions	16.93" x 27.95" x 1.72"

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1U – 4-bay 3.5"

CPU	Dual socket 2nd Generation Intel® Xeon® Scalable up to 165W TDP
Chipset	Intel® C624
RAM	Up to 7.5TB of ECC 2933MHz DDR4
PCIe	Riser Card 1 – x16 PCIe Gen 3 Riser Card 2 – x16 PCIe Gen 3
LAN	2 x 1Gbe (RJ45) 1 x Remote Management Port – 1Gbe (RJ45)
Rear I/O	1 x VGA 3 x USB 3.0 1 x Serial Port (RJ45)
Front I/O	1 x VGA 2 x USB 3.0
RAID	Onboard RAID 0, 1, 5, 10 Hardware RAID optional
Storage	4 x 3.5" SATA/SAS 1 x M.2 – Up to 2280 form factor, PCIe x4 / SATA 1 x M.2 – Up to 2280 form factor, PCIe x2 / SATA
PSU	1300W Dual Redundant
Dimensions	16.93" x 27.95" x 1.72"

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