

THE FUTURE'S MOST VALUABLE CURRENCY IS DATA

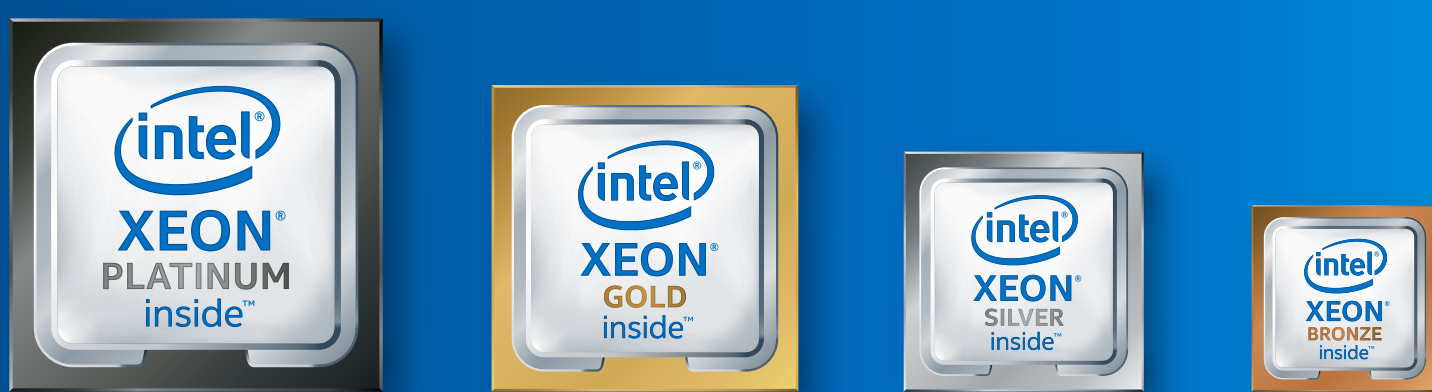


Data Centers Are Transforming:



Capitalize on New Opportunities with the Right Infrastructure

INTEL® XEON® SCALABLE PROCESSORS



THE FUTURE-FORWARD PLATFORM BUILT FOR SECURE, AGILE DIGITAL SERVICES

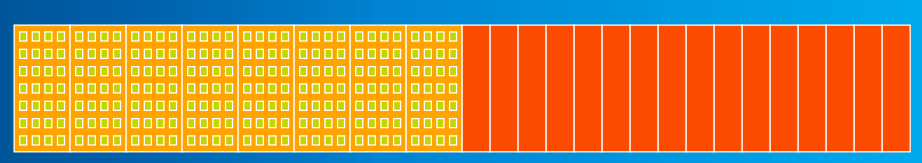
ONE SCALABLE PLATFORM



Intel® Xeon® Platinum Processor
(8000 Series)
*Best Performance and Business Agility,
Hardware-Enhanced Security*

Best for Mission Critical, Real-Time Analytics and Artificial Intelligence

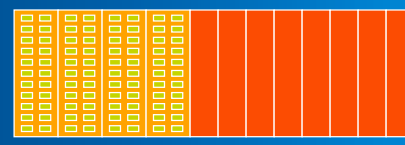
Up to 224 Cores (28 cores x 8 sockets) Up to 12 TB of Memory (1.5 TB x 8 sockets)



Intel® Xeon® Gold Processor
(6000 Series)
*Great Performance, Fast Memory,
More Interconnect/Accelerator Engines*

More Interconnects

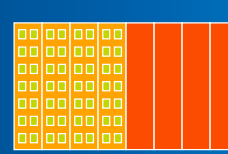
Up to 88 Cores (22 cores x 4 sockets) Up to 6 TB of Memory (1.5 TB x 4 sockets)



Intel® Xeon® Gold Processor
(5000 Series)
Better Performance, Advanced Reliability

Advanced RAS Features

Up to 56 Cores (14 cores x 4 sockets) Up to 3 TB of Memory (768 GB x 4 sockets)



Intel® Xeon® Silver Processor
(4000 Series)
Efficient Performance at Low Power

As Low as 70 Watts

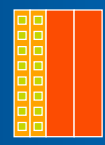
Up to 24 Cores (12 cores x 2 sockets) Up to 1.5 TB of Memory (768 GB x 2 sockets)



Intel® Xeon® Bronze Processor
(3000 Series)
Entry Performance

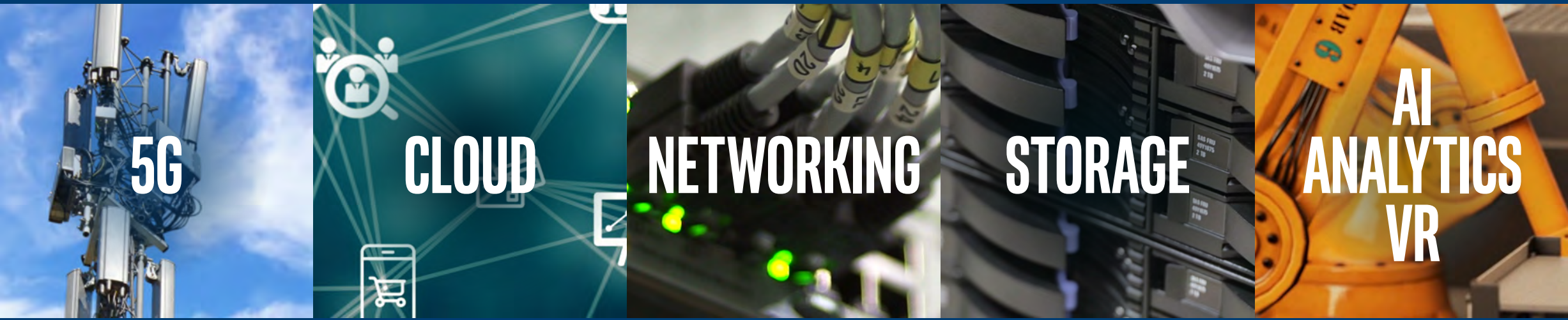
As Low as 85 Watts

Up to 16 Cores (8 cores x 2 sockets) Up to 1.5 TB of Memory (768 GB x 2 sockets)



■ Sockets
■ Cores
■ Memory

IDEAL FOR EVERY MARKET SEGMENT



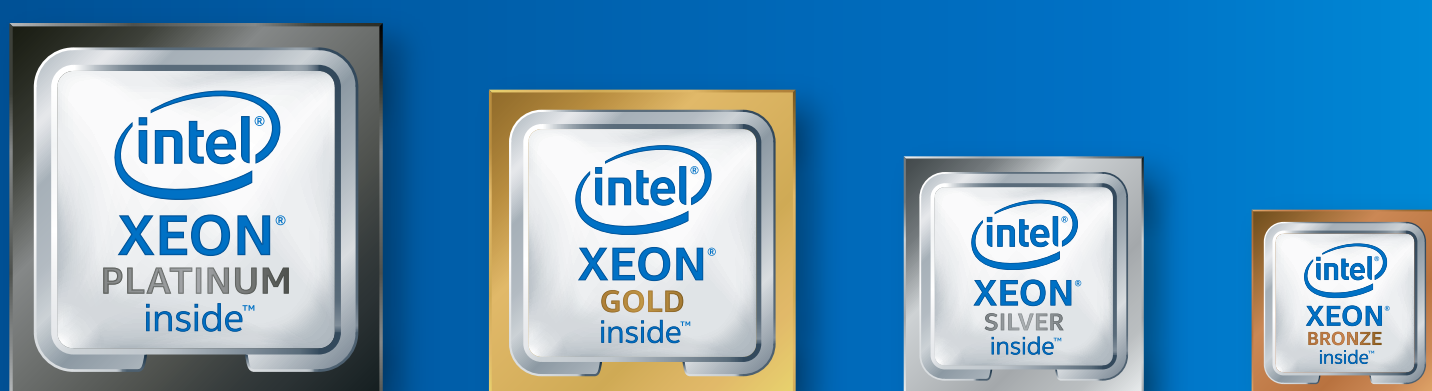
Pervasive Performance For Actionable Insights

Securing Data and Services Without Compromising Performance

4.2x MORE VMs THAN A 4-YEAR-OLD SERVER¹

3.1x FASTER CRYPTOGRAPHIC HASHING PERFORMANCE THAN THE INTEL® XEON® PROCESSOR E5-2600 V4 FAMILY²

INTEL® XEON® SCALABLE PROCESSORS



Discover more at www.intel.com/xeonscalable

¹ Up to 4.2x more VMs based on server virtualization consolidation workload: Based on Intel® internal estimates 1-Node, 2 x Intel® Xeon® Processor E5-2690 on Romley-EP with 256 GB Total Memory on VMware ESXi® 6.0 GA using Guest OS RHEL6.4, glassfish3.1.2.2, postgresql9.2. Data Source: Request Number: 1718, Benchmark: server virtualization consolidation, Score: 377.6 @ 21 VMs vs. 1-Node, 2 x Intel® Xeon® Platinum 8180 Processor on Wolf Pass SKX with 768 GB Total Memory on VMware ESXi6.0 U3 GA using Guest OS RHEL 6 64bit. Data Source: Request Number: 2563, Benchmark: server virtualization consolidation, Score: 1580 @ 90 VMs. Higher is better.

² Up to 3.1x more Cryptographic Hashing performance. Intel Xeon® Processor Scalable Family: Platinum 8180 Processor, 28C, 2.5 GHz, H0, Neon City CRB, 12x16 GB DDR4 2666 MT/s ECC RDIMM, BIOS PLYCRB1.86B.0128.R08.1703242666. Intel® Xeon® E5-2600v4 Series Processor, E5-2650 v4, 12C, 2.2 GHz, Aztec City CRB, 4x8 GB DDR4 2400 MT/s ECC RDIMM, BIOS GRRFCRB1.86B.0276.R02.1606020546. Operating System: Redhat Enterprise Linux 7.3, Kernel 4.2.3, ISA-L 2.18, BIOS Configuration, P-States: Disabled, Turbo: Disabled, Speed Step: Disabled, C-States: Disabled, ENERGY_PERF_BIAS_CFG: PERF.

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