

Sign up for an exclusive beta program with IBM Cloud Virtual Servers for VPC, featuring the latest Intel technologies



Ideal for regulated and data-sensitive industries requiring high performance



Financial services





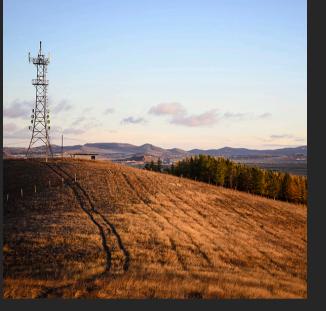
Healthcare



Government

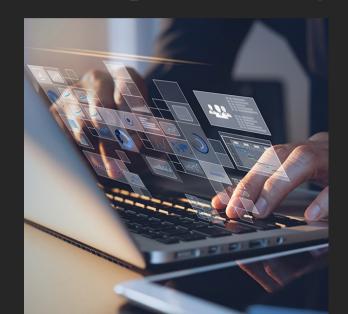


Oil, gas, and energy



And more...

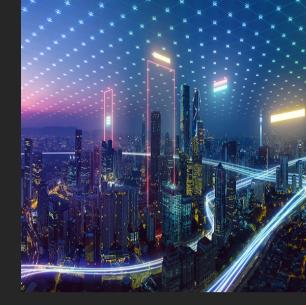
Designed for your most performance-intensive, security-sensitive workloads



Database



In-memory analytics



Large caching workloads



High-traffic and transaction-heavy workloads



Take advantage of breakthrough performance from the latest Intel technologies

4th Gen Intel® Xeon® Scalable processor-based servers

core count

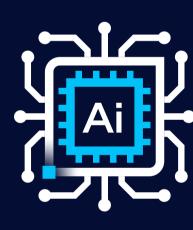
2x 1.6x

memory bandwidth² I/O throughput³

vs. 2nd Gen Intel® Xeon® Scalable processors

Up to network bandwidth with PCle 5.0

Built-in accelerators



Accelerated Al training and inferencing

Next generation Intel® Deep Learning Boost with Intel® Advanced Matrix Extensions

Intel® AVX 512



Crypto acceleration for data protection without the performance penalty

Intel® Crypto Acceleration

All the agility, scalability, and security advantages of IBM Cloud VPC



Hyperscale provisioning Simple, consistent, ultra-fast

deployments and scaling



- Seamless tooling integration



- Safeguarded for compliance
- Support for end-to-end encryption



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processor with 6 channels of DDR4 at 2933 MT/s for 1 DIMM per channel (1 DPC).

1. 2x core count: Compares Intel[®] Xeon[®] 8260 processor with 24 cores to Intel[®] Xeon[®] 8474C processor with 48 cores. 2. DDR5 memory for 1.6x memory bandwidth versus DDR4 memory compares 4th Gen Intel® Xeon® Scalable processor with 8 channels of DDR5 at up to 4800 MT/s for 1 DIMM per channel (1 DPC) vs. 2nd Gen Intel® Xeon® Scalable

3. 4x I/O throughput versus previous generation compares PCIe 5.0 (at 32 GT/s transfer rate) vs. PCIe 3.0 (8 GT/s). Performance varies by use, configuration, and other factors. Learn more at www.Intel.com/PerformanceIndex. No product or component can be absolutely secure. Your costs and results may vary. Intel technologies may require enabled hardware, software, or service activation.

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