ACCELERATE DATA-CENTRIC BUSINESS TRANSFORMATION (intel)

2nd Gen Intel[®] Xeon[®] Scalable processors deliver performance, agility and scalability





ACCELERATE INSIGHTS

Experience up to **30x Al performance**¹ versus prior generation with new, performance-optimized processor and platform features that let you discover more insights, faster.



Platform-wide performance improvements with:

- Up to 112 processor cores in a 2-socket system
- Up to 2x memory bandwidth² versus prior generation
- Up to **3.5x more VMs³** per server (5-year refresh improvement)
- Supports revolutionary Intel[®] Optane[™] DC Persistent Memory



Built-in data protection features helps better secure platforms and data. Provides trusted service delivery and accelerated encryption. Learn more by contacting your Intel Technology Provider

> ITP LOGO

10 to 30X. A) performance with Intel[®] Deep Learning Boost (Intel[®] Leon[®] 1 Dationum 9322(56 cores preschet), HT ON, Total Homey 932(56 cores preschet), HT ON, Turbo ON, Total Homey 932(56 cores preschet), HT ON, Turbo ON, Total Homey 932(56 cores preschet), HT ON, Turbo ON, Total Homey 932(56 cores preschet), HT ON, Turbo ON, Total Homey 932(56 cores preschet), HT ON, Turbo ON, Total Homey 932(56 cores preschet), HT Ostabaled, Turbo OS, SESCE30 68.00.01 02411120201090 contor state and 310.0-9532.17.251 netl[®] Vacon[®] Platinum 9322(56 cores preschet), HT ON, Turbo ON, Total Homey 932(56 cores preschet), HT ostabaled, Turbo Ostabaled, Scaling governors et to 110 cores 1310-5141.02 content and 1310.0-5142.20 cores preschet), HT Ostabaled, Turbo Ostabaled, Scaling governors et to 110 cores 1310.0-5141.02 cores 1310.0-514.02 cores 1310.0-514.0

2 Double the memory bandwidth with 12 memory channels per CPU and 24 memory channels per compute module, compared against CLX-SP product family with 6 memory channels per CPU

3 Up to 3.200 5-Year Refresh Performance Improvement VM density compared to Intel[®] Xeon^{*} E5-2600 v6 processor⁻¹-1ond^{*} (54) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (160) (151) (

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