Advanced AI drives faster value for the IoT Edge

Intel Xeon® Scalable processors move your business forward. Accelerate your most advanced workloads for the communication networks, healthcare, learning, and finance. Advanced Intel® Xeon® processors offer leading performance for applications that can benefit from the latest innovations in processor design, including new core microarchitecture, more memory, and dedicated acceleration. These processors set the new standard for performance.

- **1.33x Higher performance**
- **3.01x Higher performance**
- **4.25x Higher performance**

Explore advanced edge capabilities

One-socket scalability 1 to 4 cores

- Up to 6 DDR5 channels, 16 DDR5 slots per socket (6400 MT/s, 8x20)
- Fast interconnects
- Granular CPU control
- Cross-architecture support
- No new agreements for AI acceleration
- Advanced Intel® Xeon® Scalable processors. Results may vary.

More performance and fast AI across key use cases

- **Video**: The best in class for media and video workloads for wired and wireless connectivity, including conferencing, AI-driven applications, and virtualized infrastructure.
- **Healthcare**: The right mix for medical imaging and molecular computing, including high-performance medical imaging, next-generation medical research, personalizing healthcare, and applying AI to drug discovery.
- **Industrial**: The industry-leading platform for heavy-duty workloads, including new Intel® Xeon® Scalable processors. Results may vary.
- **Public sector**: The industry-leading platform for public sector workloads, including next-generation remote work, video analytics, object detection, and machine learning.
- **Retail, banking, hospitality, education**: The industry-leading platform for next-generation remote work, emerging technologies, and modern cloud solutions at the edge.

For more information, visit intel.com/PerformanceIndex or contact your Intel account rep for additional product details.

More value from high-reliability, long-use SKUs

- **Granular CPU control**: 4th Gen Intel Xeon Scalable processors. Results may vary.
- **Up to 8x DDR5 channels, 52 cores/sockets**: 4th Gen Intel Xeon Scalable processors. Results may vary.

Get performance, connectivity, and security for video analytics, industrial automation, and medical imaging. Learn more about Intel® Xeon® Scalable processors at intel.com/processorclaims.