Deploy at the Network and Edge with Accelerators and Trust Built In

5th Gen Intel® Xeon® Scalable processors unlock new opportunities.

- **Up to 64 high-throughput, high-efficiency cores**
- **Built-in accelerators for key networking workloads**
- **Virtual-environment isolation for confidential computing**

**Incredible performance, meet critical workloads**
Stay ahead as business evolves.

- **5G Core Workloads**
  - Quickly process packets and manage signaling and authentication functions
- **Higher throughput with 5G Core User Plane Functions vs Intel Xeon Platinum 8470N processor**
  - 1.51x

- **CDN video on demand**
  - Deliver content quickly and efficiently to end users, enhancing performance and user experience
- **Higher performance vs Intel Xeon Platinum 8380 processor with Varnish Enterprise**
  - 2.25x

**Sensitive business data needs multilayer security**
Feel more confident in the security and privacy of regulated workloads.

- **Built for confidential computing**
  - Cryptographic isolation for virtual environments, integrity protection and memory confidentiality
  - Protect data and IP:
    - **Intel Software Guard Extensions (Intel SGX)** isolates data and IP at the application level
    - **Intel Trust Domain Extensions (Intel TDX)** isolates workloads at the virtual machine level

Learn more at intel.com/5thgenxeon-network