

Strengthen network and security appliances with value-driven compute

Deliver more network control, packet processing, crypto traffic and network security AI, and platform hardening with the Intel Atom[®] processors x7000C Series.

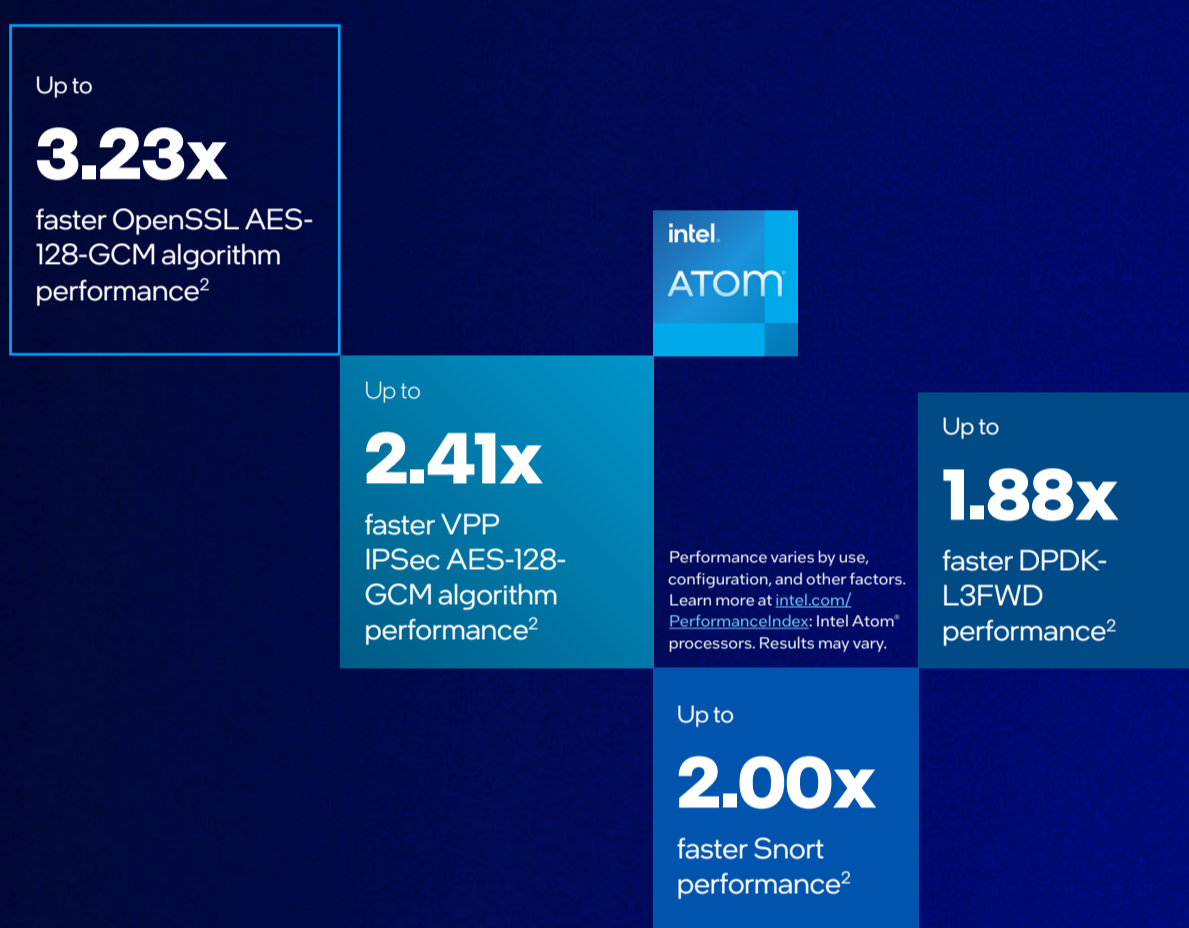


Break new ground in power-efficient network edge use cases, including SD-WAN, uCPE, and embedded single-board solutions.

The Intel Atom[®] processors x7000C Series delivers ramped-up frequency in up to eight Efficient-cores (E-cores) to drive exceptional packet processing throughput. Deploy simplified and cost-efficient appliances with prevalidated Intel[®] Ethernet, Wi-Fi, Bluetooth, and 5G components, and help your enterprise maximize the value of your technology investments with long-life availability.¹

Intel Atom[®] processors x7000C Series

vs. Intel Atom[®] processors C3000 Series



Explore advanced network capabilities



Power-efficient performance

Scale device performance to meet the needs of your network with 2-, 4-, and 8-core options, and deploy compact, fanless designs³ for power-efficient network security in space-constrained applications.



Tailored for network and security workloads

Secure remote networks with improved performance for AI-enhanced malware detection, URL filtering, and Unified Threat Management, and leverage hardware-based solutions to harden network infrastructure.



Fast deployments with longevity in the field

Get to market fast with prevalidated connectivity components and a ready-to-ship, modular development kit, and improve system reliability and uptime with Communication use conditions.⁴



Designed for enterprise networking and telecommunications

Accelerate packet processing and data encryption and enhance security for edge networking appliances using new deep learning inference capabilities.

SD-WAN, Universal Customer Premises Equipment (uCPE), Secure Access Service Edge (SASE) gateway, edge network and security appliances

Deploy next-gen performance with versatile configurations for value-driven networking appliances.

Learn more about the Intel Atom[®] processors x7000C Series at intel.com/atomx7000c >



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- Performance varies by use, configuration, and other factors. Learn more at intel.com/PerformanceIndex: Intel Atom[®] processors. Results may vary.
- For select SKUs only.
- Communication use conditions of up to 10 years, up to 100 percent active, no turbo, Commercial Temperature.

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See backup for configuration details. 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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