S4S



Search specifications







Intel® Xeon® Gold 6150 Processor

Expansion Options

calability

24.75M Cache, 2.70 GHz

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Specifications

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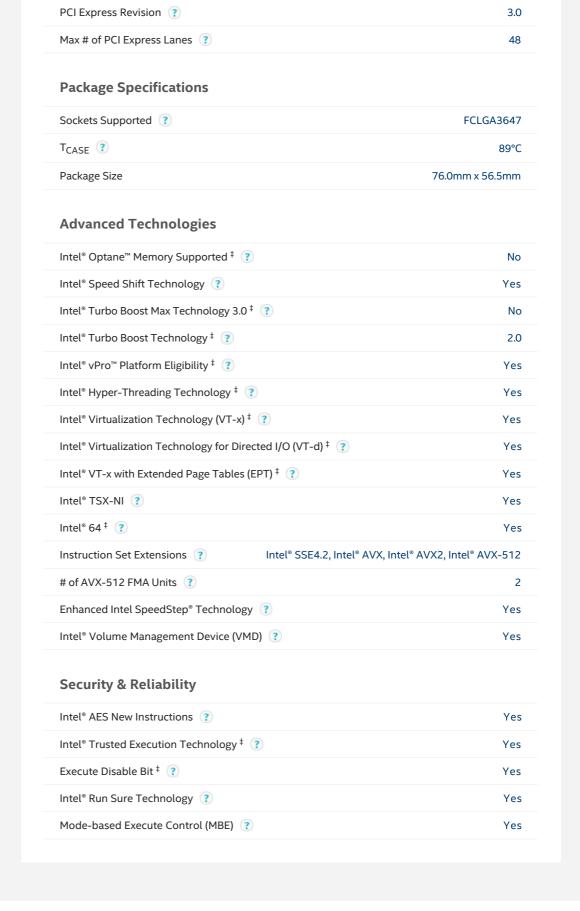
Ordering and Compliance

Product Images

Compatible Products

Downloads and Software

| Essentials | Export specificati |
|--|----------------------------------|
| Product Collection | Intel® Xeon® Scalable Processors |
| Code Name | Products formerly Skylake |
| Vertical Segment | Server |
| Processor Number | 6150 |
| Status | Launched |
| Launch Date ? | Q3'17 |
| Lithography 🔞 | 14 nm |
| Recommended Customer Price 👔 | |
| Performance | |
| # of Cores ? | 18 |
| # of Threads ? | 36 |
| Processor Base Frequency ? | 2.70 GHz |
| Max Turbo Frequency 😨 | 3.70 GHz |
| Cache ? | 24.75 MB L3 |
| # of UPI Links 😯 | 3 |
| TDP ? | 165 W |
| Supplemental Information | |
| Embedded Options Available 👔 | No |
| Datasheet | View now |
| Product Brief | View now |
| Memory Specifications | |
| Max Memory Size (dependent on memory type) 🕡 | 768 GB |
| ~ | DDR4-2666 |
| Memory Types (?) | |
| Memory Types ? Maximum Memory Speed | 2666 MHz |



More support options for Intel® Xeon® Gold 6150 Processor (24.75M Cache, 2.70 GHz)





Downloads and Software



Support Community



Warranty and Replacement



Need more help?

Contact support



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Refer to Datasheet for formal definitions of product properties and features.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

See http://www.intel.com/content/www/us/en/architecture-and-technology/hyper-threading/hyper-threading-technology.html? wapkw=hyper+threading for more information including details on which processors support Intel® HT Technology.

Max Turbo Frequency refers to the maximum single-core processor frequency that can be achieved with Intel® Turbo Boost Technology. See www.intel.com/technology/turboboost/ for more information.

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System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

For benchmarking data see http://www.intel.com/performance.

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See http://www.intel.com/content/www/us/en/processors/processor-numbers.html for details.

Processors that support 64-bit computing on Intel® architecture require an Intel 64 architecture-enabled BIOS.



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