











Intel® Xeon® Silver 4114T Processor

Memory Types ?

Maximum Memory Speed

13.75M Cache, 2.20 GHz

Add to Compare

DDR4-2400

2400 MHz

Specifications

Essentials

Performance

Supplemental Information

Memory

Specifications

Expansion Options

Package

Specifications

Advanced

Technologies

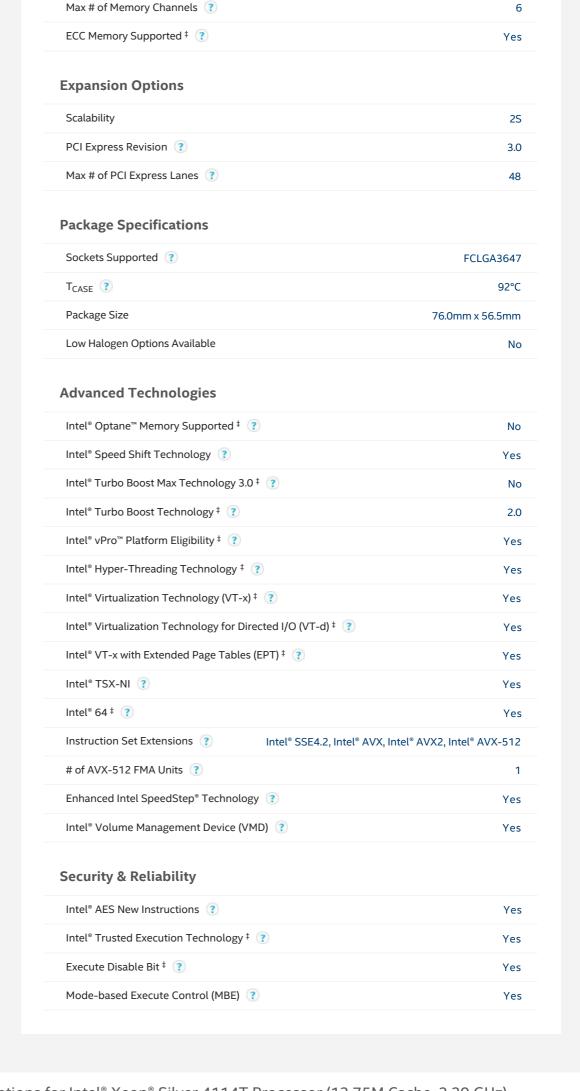
Security & Reliability

Ordering and Compliance

Compatible products

Downloads and Software

Essentials	Export specification
Product Collection	Intel® Xeon® Scalable Processors
Code Name	Products formerly Skylake
Vertical Segment	Server
Processor Number	4114T
Status	Launched
Launch Date ?	Q3'17
Lithography ?	14 nm
Use Conditions ?	Communications
Recommended Customer Price ?	
Performance	
# of Cores ?	10
# of Threads ?	20
Processor Base Frequency ?	2.20 GHz
Max Turbo Frequency 🕐	3.00 GHz
Cache ?	13.75 MB L3
# of UPI Links ?	2
TDP ?	85 W
Supplemental Information	
Embedded Options Available 🔞	Yes
Datasheet	View now
Product Brief	View now
Additional Information URL	View now
Memory Specifications	
Max Memory Size (dependent on memory type) 💿	768 GB













Need more help?

Contact support



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

‡ 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.

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.

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

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

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

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.

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.

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.



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