













# Intel® Core™ i9-7980XE Extreme Edition Processor

Add to Compare

24.75M Cache, up to 4.20 GHz

#### Specifications

#### Essentials

Performance

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Specifications

**Expansion Options** 

Package

Specifications

Advanced

Technologies

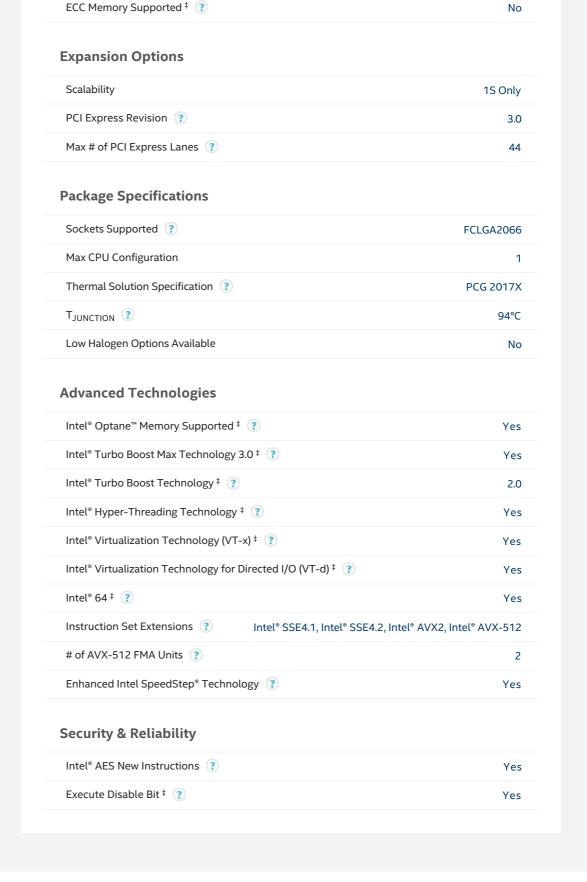
Security & Reliability

### Ordering and Compliance

### Compatible products

Downloads and Software

Essentials	Export specification
Product Collection	Intel® Core™ X-series Processors
Code Name	Products formerly Skylake
Vertical Segment	Desktop
Processor Number	i9-7980XE
Status	Launched
Launch Date ?	Q3'17
Included Items Please note: The boxed produ	ct does not include a fan or heat sink
Recommended Customer Price ?	
Performance	
# of Cores ?	18
# of Threads ?	36
Processor Base Frequency ?	2.60 GHz
Max Turbo Frequency ?	4.20 GHz
Cache ?	24.75 ME
Bus Speed ?	8 GT/s DMI3
# of QPI Links ?	(
Intel® Turbo Boost Max Technology 3.0 Frequency ‡ 🕐	4.40 GHz
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) ?	128 GE



More support options for Intel® Core™ i9-7980XE Extreme Edition Processor (24.75M Cache, up to 4.20 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.

‡ 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 <a href="https://www.intel.com/technology/turboboost">www.intel.com/technology/turboboost</a>/ 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 <a href="http://www.intel.com/content/www/us/en/processors/processor-numbers.html">http://www.intel.com/content/www/us/en/processors/processor-numbers.html</a> for details.

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.

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.



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