

Intel



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XEON SUFFIX MEANINGS

4th Gen and 5th Gen processors use these suffixes:

- +: Includes 1 of each of the four accelerators: DSA, IAA, QAT, DLB
- H: Database and Analytics workloads
- M: Media Transcode workloads
- N: Network/5G/Edge workloads (High TPT / Low Latency)
- P: Cloud and IaaS workloads
- Q: Liquid cooling
- S: Storage & HCI workloads
- T: Long-life Use/High Tcase
- U: 1-socket only (some workload-specific SKUs may also be 1-socket)
- V: Cloud and SaaS workloads
- Y: SST-PP enabled (some workload-specific SKUs may also support SST-PP)
- Y+: SST-PP enabled and includes 1 of each of the accelerators

3rd Gen processors use these suffixes:

- H: 4-Socket capable processor supporting up to 1.125TB memory per processor
- HL: 4-Socket capable processor supporting up to 4.5TB memory per processor
- M: Media Processing optimized
- N: NFV optimized
- P: High frequency-optimized for IaaS virtualization customers
- Q: Optimized for liquid cooling
- S: Large (512GB) SGX Enclave size
- T: High Tcase
- U: Single socket
- V: High density/low power-optimized for SaaS virtualization customers
- Y: Speed Select

1st Gen and 2nd Gen processors use these suffixes:

- F: Integrated Omni-Path Architecture (OPA) Fabric
- L: Large memory tier (supports total memory up to 4.5TB per processor)
- M: Medium memory tier (supports total memory up to 2TB per Gen 2 processor or 1.5TB per Gen 1 processor)

- N: NFV optimized
- S: Search optimized
- T: High Tcase
- U: Single socket
- V: VM Density optimized
- Y: Speed Select

gen4: Intel Xeon Scalable "Sapphire Rapids"

2S PERFORMANCE GENERAL PURPOSE																	
SKU Number	Cores	Base (GHz)	All Core Turbo (GHz)	Max Turbo (GHz)	Cache (MB)	TDP (Watts)	Maximum Scalability	DDR5 Memory Speed	UPI Links Enabled	Default DSA Devices	Default QAT Devices	Default DLB Devices	Default IAA Devices	Intel SGX Enclave Capacity (Per Processor)	Recommended Customer Pricing (BSP) in \$ US Dollars	Intel® On Demand Capable	Die Chip
8480P	56	2	3	3.8	105	350	25	4800	4	1	1	1	1	512GB	\$10,710	✓	XCC
8470	52	2	3	3.8	105	350	25	4800	4	1	0	0	0	512GB	\$9,359	✓	XCC
8468	48	2.1	3.1	3.8	105	350	25	4800	4	1	0	0	0	512GB	\$7,214	✓	XCC
8460Y	40	2	2.8	3.7	105	300	25	4800	4	1	1	1	1	128GB	\$5,558	✓	XCC
8462Y	32	2.8	3.6	4.1	60	300	25	4800	3	1	1	1	1	128GB	\$3,945	✓	XCC
8448Y	32	2.1	3	4.1	60	225	25	4800	3	1	0	0	0	128GB	\$3,583	✓	MCC
8442Y	24	2.6	3.3	4	60	225	25	4800	3	1	0	0	0	128GB	\$2,878	✓	MCC
8444Y	16	3.6	4	4.1	45	270	25	4800	3	1	0	0	0	128GB	\$3,622	✓	MCC
8420Y	16	2.5	3.3	4.1	37.5	185	25	4800	3	1	0	0	0	128GB	\$1,517	✓	MCC
8434	8	3.7	4.1	4.1	22.5	195	25	4800	3	1	0	0	0	128GB	\$2,607	✓	MCC
8415+	8	2.9	3.6	4.1	22.5	150	25	4400	3	1	1	1	1	128GB	\$1,096	✓	MCC

2S MAINLINE GENERAL PURPOSE																	
8452Y	36	2	2.8	3.2	67.5	300	25	4800	4	1	0	0	0	128GB	\$3,995	✓	XCC
8438Y	32	2	2.8	4	60	205	25	4800	3	1	1	1	1	128GB	\$3,141	✓	MCC
8430	32	2.1	2.6	3.4	60	270	25	4400	3	1	0	0	0	128GB	\$2,128	✓	XCC
8420	28	2	2.7	4.1	52.5	205	25	4400	3	1	1	1	1	128GB	\$1,848	✓	MCC
8418Y	24	2	2.8	3.8	45	185	25	4400	3	1	0	0	0	128GB	\$1,483	✓	MCC
8416Y	20	2	2.9	3.9	37.5	165	25	4000	2	1	1	1	1	64GB	\$1,176	✓	MCC
8410Y	12	2	2.8	3.9	30	150	25	4000	2	1	0	0	0	64GB	\$563	✓	MCC

LIQUID COOLED GENERAL PURPOSE (-Q)																	
8470Q	52	2.1	3.2	3.8	105	350	25	4800	4	1	0	0	0	512GB	\$9,410	✓	XCC
8458Q	32	3.1	4	4	60	350	25	4800	3	1	0	0	0	128GB	\$6,416	✓	MCC

SINGLE SOCKET GENERAL PURPOSE (-U)																	
8414U	32	2	2.6	3.4	60	250	15	4800	0	1	0	0	0	512GB	\$2,296	✓	XCC
8412U	24	2.1	2.9	3.9	45	185	15	4400	0	1	0	0	0	128GB	\$1,113	✓	MCC
8408U	8	1.8	1.9	1.9	12.5	15	4000	0	1	0	0	0	0	64GB	\$415	✓	MCC

LONG-LIFE USE (IOT) GENERAL PURPOSE (-T)																	
8410T	10	2.7	3.4	4	28.25	150	25	4000	2	1	0	0	0	64GB	\$624	✓	MCC

IMDB/ANALYTICS/VIRTUALIZATION OPTIMIZED (-H) - SOCKET SCALABLE																	
SKU Number	Cores	Base (GHz)	All Core Turbo (GHz)	Max Turbo (GHz)	Cache (MB)	TDP (Watts)	Maximum Scalability	DDR5 Memory Speed	UPI Links Enabled	Default DSA Devices	Default QAT Devices	Default DLB Devices	Default IAA Devices	Intel SGX Enclave Capacity (Per Processor)	Recommended Customer Pricing (BSP) in \$ US Dollars	Intel® On Demand Capable	Die Chip
8490H	60	1.9	2.9	3.5	112.5	350	85	4800	4	4	4	4	4	512GB	\$17,000	✓	XCC
8488H	48	2.1	3	3.8	105	330	85	4800	4	4	4	4	4	512GB	\$13,823	✓	XCC
8480H	40	2.2	3.1	3.8	105	330	85	4800	4	4	0	0	4	512GB	\$10,710	✓	XCC
8454H	32	2.1	2.7	3.4	82.5	270	85	4800	4	4	4	4	4	512GB	\$6,540	✓	XCC
8450H	28	2	2.6	3.5	75	250	85	4800	4	4	0	0	4	512GB	\$4,708	✓	XCC
8444H	16	2.9	3.2	4	45	270	85	4800	4	4	0	0	4	512GB	\$4,234	✓	XCC
8448H	32	2.4	3.2	4.1	60	230	45	4800	3	1	2	2	1	512GB	\$3,658	✓	MCC
8418H	24	2.1	2.9	4	60	185	45	4800	3	1	0	0	1	512GB	\$2,065	✓	MCC
8416H	18	2.2	2.9	4.2	45	165	45	4800	3	1	0	0	1	512GB	\$1,444	✓	MCC
8434H	8	3.7	4.1	4.1	22.5	195	45	4800	3	1	0	0	1	512GB	\$3,070	✓	MCC

SG / NETWORKING OPTIMIZED (-N)																	
8470N	52	1.7	2.7	3.6	97.5	300	25	4800	4	4	4	4	0	128GB	\$9,520	✓	XCC
8471N	52	1.8	2.8	3.6	97.5	300	15	4800	4	4	4	4	0	128GB	\$5,171	✓	XCC
8438N	32	2	2.7	3.6	60	205	25	4800	3	1	2	2	0	128GB	\$3,351	✓	MCC
8428N	32	1.8	2.5	3.8	60	185	25	4000	3	1	2	2	0	128GB	\$3,200	✓	MCC
8421N	32	1.8	2.6	3.6	60	185	15	4400	3	1	2	2	0	128GB	\$2,368	✓	MCC
8418N	24	1.8	2.6	3.8	45	165	25	4000	3	1	2	2	0	128GB	\$1,664	✓	MCC
8411N	24	1.9	2.8	3.9	45	165	15	4400	3	1	2	2	0	128GB	\$1,232	✓	MCC

CLOUD OPTIMIZED IaaS (-P) / SaaS (-V) / Media (-M)																	
8468V	48	2.4	2.9	3.8	97.5	330	25	4800	3	1	1	1	1	128GB	\$7,121	✓	XCC
8458P	44	2.7	3.2	3.8	82.5	350	25	4800	3	1	1	1	1	512GB	\$6,759	✓	XCC
8461V	48	2.2	2.8	3.7	97.5	300	15	4800	0	1	1	1	1	128GB	\$4,491	✓	XCC
8438M	32	2.2	2.8	3.9	60	205	25	4800	3	1	0	0	1	128GB	\$3,273	✓	MCC

STORAGE & HYPERCONVERGED INFRASTRUCTURE (HCI) OPTIMIZED (-S)																	
8454S	32	2.2	2.8	3.4	60	270	25	4800	4	4	4	4	0	128GB	\$3,157	✓	XCC
8416S	16	2	2.8	4	30	150	25	4400	3	1	2	2	0	128GB	\$944	✓	MCC

HPC OPTIMIZED (Intel® Xeon® CPU Max Series)																	
9490	56	1.9	2.6	3.5	112.5	350	25	4800	4	4	0	0	0	512GB	\$12,880	✓	XCC
9470	52	2	2.7	3.5	105	350	25	4800	4	4	0	0	0	512GB	\$11,590	✓	XCC
9468	48	2.1	2.6	3.5	105	350	25	4800	4	4	0	0	0	512GB	\$9,900	✓	XCC
9460	40	2.2	2.7	3.5	97.5	350	25	4800	3	4	0	0	0	128GB	\$8,750	✓	XCC
8462	32	2.7	3.1	3.5	75	350	25	4800	3	4	0	0	0	128GB	\$7,895	✓	XCC

Intel® Xeon® CPU Max Series / 4th Gen Intel® Xeon® Scalable Processors

[intel.com/xeon](https://www.intel.com/xeon)

MAX SERIES

PLATINUM

GOLD

SILVER

BRONZE

Max = 9400 series

Platinum = 8000 series

Gold = 6000 series

5000 series

Silver = 4000 series

Bronze = 3000 series

Please visit "intel.com/xeon" or contact your Intel representative to obtain the latest product specifications. Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. All processors support Intel Virtualization Technology (Intel VT-x).

Y SKUs indicate support for Intel Speed Select Technology - Performance Profile 2.0 (Intel SST-PP).

+ General Purpose SKUs (Feature Plus) indicate products with 1 device per accelerator.

XCC = Extreme Core Count. MCC = Medium Core Count.

Unless noted, all 8400, 6400 and 5400 processors, include support for Intel Speed Select technology (Intel SST) featuring Intel SST Base Frequency (SST-BF), Intel SST Core Power (SST-CP) and Intel SST Turbo Frequency (SST-TF) capabilities.

Availability of accelerators varies depending on SKU. Visit the "Intel Product Specifications" page for additional product details. <https://www.intel.com/content/www/us/en/processors/xeon.html>

Intel may make changes to specifications and product descriptions at any time, without notice.

Unique Die Packages for Unique Market Needs

Intel® Xeon® Die Package Architecture

4th Gen Intel Xeon processor - XCC 4 Tile Architecture

Socket Scalability,
Highest Core Count

4th Gen Intel Xeon processor - MCC Monolithic Architecture

Mainstream Market, Higher Frequencies,
Lower Latency

Intel Xeon CPU Max Series 4 Tile Architecture

HPC and Memory Bandwidth
Bound Applications

Accelerate with Xeon

https://micronode.ru/

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Die Package Details

Features	4 th Gen Intel® Xeon® Scalable Processors		Intel® Xeon® CPU Max Series
	Extreme Core Count (XCC)	Medium Core Count (MCC)	High Bandwidth Memory (HBM)
Die Construction	4 tiles connected using MDF over Intel Embedded Multi-die Interconnect Bridge (EMIB)	1 monolithic chip	4 tiles connected using MDF over Intel Embedded Multi-die Interconnect Bridge (EMIB)
Core Count	Up to 60 active cores	Up to 32 active cores	Up to 56 active cores
TDP Range	225 to 350W	125 to 350W	350W
Memory	DDR5 @ 4800 (1 DPC), 4400 (2DPC), 16 Gb DRAM, 8 Channels Intel® Optane™ PMem 300 (Crow Pass) @4400 MT/s		DDR5 @ 4800 (1 DPC), 4400 (2DPC), 8Channels 64 GB HBM2e memory with up to 1.14 GB/core
Intel UPI	UPI 2.0 @ 16 GT/s, up to 4 Ultra Path Interconnects	UPI 2.0 @ 16 GT/s, up to 3 Ultra Path Interconnects	UPI 2.0 @ 16 GT/s, up to 4 Ultra Path Interconnects
Scalability	1 Socket, 2 Socket, 4 Socket, 8 Socket	1 Socket, 2 Socket, 4 Socket	1 Socket, 2 Socket
PCIe/Compute Express Link	PCIe 5.0 (80 lanes), Up to 4 devices supported via Compute Express Link (CXL) 1.1		
Security	Intel® SGX Minimum Enclave Page Cache (EPC) size 256 MB		Intel® SGX (Flat mode only)
Integrated IP Accelerators	Intel® QAT, DLB, IAA, DSA (up to 4 devices each)	Intel® QAT, DLB (up to 2 devices each) Intel® DSA, IAA (1 device each)	Intel® DSA (4 devices)



gen3: Gen Xeon Scalable "Ice Lake"

FOUR & EIGHT SOCKET SCALABLE PERFORMANCE							
SKU	CORES	BASE (GHz)	SINGLE CORE TURBO (GHz)	ALL CORE TURBO (GHz)	CACHE (MB)	TDP (Watts)	Recommended Customer Pricing (BSP) in \$ US Dollars
8380HL	28	2.9	4.3	3.8	38.5	250	Yes \$13012
8380H	28	2.9	4.3	3.8	38.5	250	Yes \$10009
8376HL	28	2.6	4.3	3.5	38.5	205	Yes \$11772
8376H	28	2.6	4.3	3.5	38.5	205	Yes \$8719
8360HL	24	3.0	4.2	3.8	33	225	Yes \$7203
8360H	24	3.0	4.2	3.8	33	225	Yes \$4200
8356H	8	3.9	4.4	4.3	35.75	190	Yes \$3400
8354H	18	3.1	4.3	4.0	24.75	205	Yes \$3500
8353H	18	2.5	3.8	3.3	24.75	150	Yes \$3003
6348H	24	2.3	4.2	3.1	33	165	Yes \$2700
6330H	24	2.0	3.7	2.8	33	150	Yes \$1894
6328HL	16	2.8	4.3	3.7	22	165	Yes \$4779
6328H	16	2.8	4.3	3.7	22	165	Yes \$1776
5320H	20	2.4	4.2	3.3	27.5	150	Yes \$1555
5318H	18	2.5	3.8	3.3	24.75	150	Yes \$1273

H and HL SKUs are only supported on a unique 4 or 8-socket platform. Please contact your hardware provider for a list of system availability supporting your specific SKU configuration.

H SKUs are configured to support up to 1.12 TB of system memory, per processor.

HL SKUs are configured to support up to 4.5 TB of system memory, per processor.

H and HL SKUs are validated for up to 256 GB capacity DRAM memory modules, as of March 2021.

H and HL SKUs support Intel Optane persistent memory 200 series in a 4-socket platform only.

H SKUs are validated for up to 768 GB of Intel Optane persistent memory 200 series, per processor.

HL SKUs are validated for up to 3 TB of Intel Optane persistent memory 200 series, per processor.

6330H, 6328H, 6328HL & 5320H processors include Intel Speed Select technology (Intel SST) supporting Intel SST Core Power (SST-CP) and Intel SST Turbo Frequency (SST-TF) capabilities.

3rd Gen Intel Xeon Scalable Processors



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Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. All processors support Intel Virtualization Technology (Intel VT-x). No product or component can be absolutely secure.

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OPTIMIZED FOR HIGHEST PER-CORE SCALABLE PERFORMANCE							
SKU	CORES	BASE (GHz)	SINGLE CORE TURBO (GHz)	ALL CORE TURBO (GHz)	CACHE (MB)	TDP (Watts)	Recommended Customer Pricing (BSP) in \$ US Dollars
8380	40	2.3	3.4	3.0	60	270	Yes 512 GB \$8099
8368	38	2.4	3.4	3.2	57	270	Yes 512 GB \$6302
8362	32	2.8	3.6	3.5	48	265	Yes 64 GB \$5448
8360Y	36	2.4	3.5	3.1	54	250	Yes 64 GB \$4702
8358	32	2.6	3.4	3.3	48	250	Yes 64 GB \$3950
6348	28	2.6	3.5	3.4	42	235	Yes 64 GB \$3072
6342	24	2.8	3.5	3.3	36	230	Yes 64 GB \$2529
6354	18	3.0	3.6	3.6	39	205	Yes 64 GB \$2445
6346	16	3.1	3.6	3.6	36	205	Yes 64 GB \$2300
6334	8	3.6	3.7	3.6	18	165	Yes 64 GB \$2214
6326	16	2.9	3.5	3.3	24	185	Yes 64 GB \$1300
5317	12	3.0	3.6	3.4	18	150	Yes 64 GB \$950
5315Y	8	3.2	3.6	3.5	12	140	Yes 64 GB \$895

SCALABLE PERFORMANCE							
SKU	CORES	BASE (GHz)	SINGLE CORE TURBO (GHz)	ALL CORE TURBO (GHz)	CACHE (MB)	TDP (Watts)	Recommended Customer Pricing (BSP) in \$ US Dollars
8352Y	32	2.2	3.4	2.8	48	205	Yes 64 GB \$3450
6338	32	2.0	3.2	2.6	48	205	Yes 64 GB \$2612
6336Y	24	2.4	3.6	3.0	36	185	Yes 64 GB \$1977
6330	28	2.0	3.1	2.6	42	205	Yes 64 GB \$1894
5320	26	2.2	3.4	2.8	39	185	Yes 64 GB \$1555
5318Y	24	2.1	3.4	2.6	36	165	Yes 64 GB \$1273
4316	20	2.3	3.4	2.8	30	150	8 GB \$1002
4314	16	2.4	3.4	2.9	24	135	8 GB \$694
4310	12	2.1	3.3	2.7	18	120	8 GB \$501
4309Y	8	2.8	3.6	3.4	12	105	8 GB \$501

Y Supports Intel Speed Select Technology – Performance Profile 2.0 (Intel SST-PP)

All 8300, 6300, 5300 and 4300 processors, Non-H/HL SKUs, are supported on a unique 1 or 2 socket platform. Please contact your hardware provider for a list of system availability supporting your specific SKU configuration.

All 8300, 6300, 5300 and 4300 processors, Non-H/HL SKUs, are configured to support up to 6 TB of system memory, per processor. Intel has validated for up to 4 TB of Intel Optane persistent memory 200 series, per processor. Intel has validated for up to 256 GB capacity DRAM memory modules, as of March 2021.

Unless noted, all 8300, 6300 and 5300 processors, Non-H/HL SKUs, include support for Intel Speed Select technology (Intel SST) featuring Intel SST Base Frequency (SST-BF), Intel SST Core Power (SST-CP) and Intel SST Turbo Frequency (SST-TF) capabilities.

8362 does not support Intel Speed Select Technology Base Frequency (SST-BF).

SKUs SUPPORTING MAXIMUM INTEL SGX ENCLAVE CAPACITY									
SKU	CORES	BASE (GHz)	SINGLE CORE TURBO (GHz)	ALL CORE TURBO (GHz)	CACHE (MB)	TDP (Watts)	Support for Intel Optane Persistent Memory 200 Series	Intel SGX Enclave Capacity (Per Processor)	Recommended Customer Pricing (BSP) in \$ US Dollars
8380	40	2.3	3.4	3.0	60	270	Yes	512 GB	\$8099
8368Q	38	2.6	3.7	3.3	57	270	Yes	512 GB	\$6743
8368	38	2.4	3.4	3.2	57	270	Yes	512 GB	\$6302
8352S	32	2.2	3.4	2.8	48	205	Yes	512 GB	\$4046
5318S	24	2.1	3.4	2.6	36	165	Yes	512 GB	\$1667

8352S and 5318S support Intel Speed Select Technology – Performance Profile 2.0 (Intel SST-PP)

CLOUD OPTIMIZED FOR VM UTILIZATION									
SKU	CORES	BASE (GHz)	SINGLE CORE TURBO (GHz)	ALL CORE TURBO (GHz)	CACHE (MB)	TDP (Watts)	Support for Intel Optane Persistent Memory 200 Series	Intel SGX Enclave Capacity (Per Processor)	Recommended Customer Pricing (BSP) in \$ US Dollars
8358P	32	2.6	3.4	3.2	48	240	Yes	8 GB	\$3950
8352V	36	2.1	3.5	2.5	54	195	Yes	8 GB	\$3450

8358P is Pass Cloud Specialized Processor, V Saas Cloud Specialized Processor

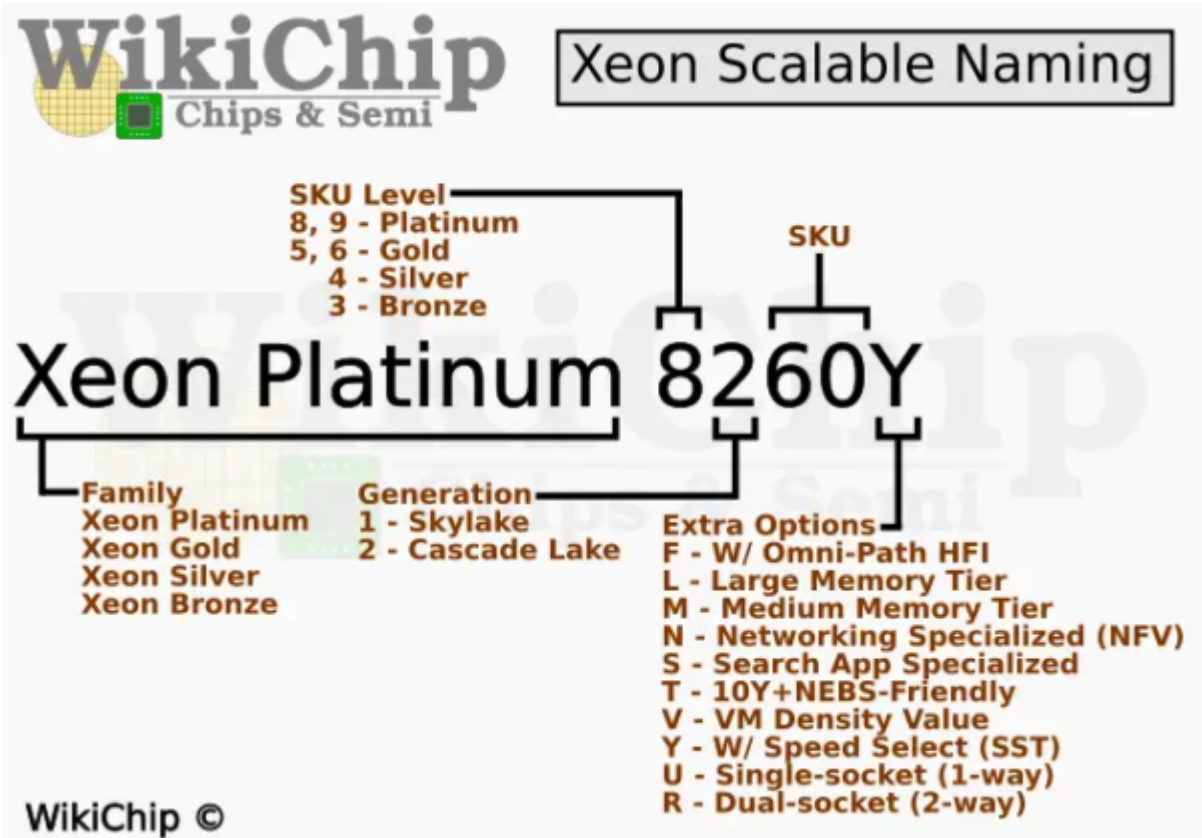
8352V supports Intel Speed Select Technology – Performance Profile 2.0 (Intel SST-PP)

LIQUID COOLED									
SKU	CORES	BASE (GHz)	SINGLE CORE TURBO (GHz)	ALL CORE TURBO (GHz)	CACHE (MB)	TDP (Watts)	Support for Intel Optane Persistent Memory 200 Series	Intel SGX Enclave Capacity (Per Processor)	Recommended Customer Pricing (BSP) in \$ US Dollars
8368Q	38	2.6	3.7	3.3	57	270	Yes	512 GB	\$6743

8368Q supports up to 512 GB Intel Software Guard Extensions (Intel SGX) enclave capacity

NETWORKING/NFV OPTIMIZED										
8351N	36	2.4	3.5	3.1	54	225	Yes	64 GB	\$3027	
6338N	32	2.2	3.5	2.7	48	185	Yes	64 GB	\$2795	
6330N	28	2.2	3.4	2.6	42	165	Yes	64 GB	\$2029	
5318N	24	2.1	3.4	2.7	36	150	Yes	64 GB	\$1375	
8351N is supported in a one-socket configuration only										
5318N supports Intel Speed Select Technology – Performance Profile 2.0 (Intel SST-PP)										
MEDIA PROCESSING OPTIMIZED										
8352M	32	2.3	3.5	2.8	48	185	Yes	64 GB	\$3864	
Optimized for processing AI and media workloads and services.										
LONG-LIFE USE AND NEBS-THERMAL FRIENDLY										
6338T	24	2.1	3.4	2.7	36	165	Yes	64 GB	\$2742	
5320T	20	2.3	3.5	2.9	30	150	Yes	64 GB	\$1727	
4310T	10	2.3	3.4	2.9	15	105		8 GB	\$555	
Support for up to 10-year reliability, higher Tcase.										
SINGLE-SOCKET OPTIMIZED										
8351N	36	2.4	3.5	3.1	54	225	Yes	64 GB	\$3027	
6314U	32	2.3	3.4	2.9	48	205	Yes	64 GB	\$2600	
6312U	24	2.4	3.6	3.1	36	185	Yes	64 GB	\$1450	
Supported in one-socket configurations only										

gen2R: gen Xeon Scalable "Cascade Lake Refresh "



Cascade Lake R SKUs Comparison

WikiChip
Chips & Semi

Xeon Platinum 8284	\$15,460.00	28C	3.0/4.0 GHz	240 W
Xeon Platinum 8280	\$10,009.00	28C	2.7/4.0 GHz	205 W
Xeon Platinum 8276	\$8,719.00	28C	2.2/4.0 GHz	165 W
Xeon Platinum 8270	\$7,405.00	26C	2.7/4.0 GHz	205 W
Xeon Platinum 8268	\$6,302.00	24C	2.9/3.9 GHz	205 W
Xeon Platinum 8260	\$4,702.00	24C	2.4/3.9 GHz	165 W
Xeon Platinum 8256	\$7,007.00	4C	3.8/3.9 GHz	105 W
Xeon Platinum 8253	\$3,115.00	16C	2.2/3.0 GHz	125 W
Xeon Gold 6254	\$3,803.00	18C	3.1/4.0 GHz	200 W
Xeon Gold 6252	\$3,655.00	24C	2.1/3.7 GHz	150 W
Xeon Gold 6248	\$3,072.00	20C	2.5/3.9 GHz	150 W
Xeon Gold 6246	\$3,286.00	12C	3.3/4.2 GHz	165 W
Xeon Gold 6244	\$2,925.00	8C	3.6/4.4 GHz	150 W
Xeon Gold 6242	\$2,529.00	16C	2.8/3.9 GHz	150 W
Xeon Gold 6240	\$2,445.00	18C	2.6/3.9 GHz	150 W
Xeon Gold 6238	\$2,612.00	22C	2.1/3.7 GHz	140 W
Xeon Gold 6234	\$2,214.00	8C	3.3/4.0 GHz	130 W
Xeon Gold 6230	\$1,894.00	20C	2.1/3.9 GHz	125 W
Xeon Gold 6226	\$1,776.00	12C	2.7/3.7 GHz	125 W
Xeon Gold 5222	\$1,221.00	4C	3.8/3.9 GHz	105 W
Xeon Gold 5220	\$1,555.00	18C	2.2/3.9 GHz	125 W
Xeon Gold 5218	\$1,273.00	16C	2.3/3.9 GHz	125 W
Xeon Gold 5217	\$1,522.00	8C	3.0/3.9 GHz	115 W
Xeon Gold 5215	\$1,221.00	10C	2.5/3.4 GHz	85 W
Xeon Gold 4216	\$1,002.00	16C	2.1/3.2 GHz	100 W
Xeon Gold 4215	\$794.00	8C	2.5/3.5 GHz	85 W
Xeon Gold 4214	\$694.00	12C	2.2/3.2 GHz	85 W
Xeon Gold 4210	\$501.00	10C	2.2/3.2 GHz	85 W
Xeon Gold 4208	\$417.00	8C	2.1/3.2 GHz	85 W
Xeon Bronze 3204	\$213.00	6C	1.9/- GHz	85 W

Xeon Gold 6258R	\$3,950.00	28C	2.7/4.0 GHz	205 W
Xeon Gold 6248R	\$2,700.00	24C	3.0/4.0 GHz	205 W
Xeon Gold 6246R	\$3,286.00	16C	3.4/4.1 GHz	205 W
Xeon Gold 6242R	\$2,529.00	20C	3.1/4.1 GHz	205 W
Xeon Gold 6240R	\$2,445.00	24C	2.4/4.0 GHz	165 W
Xeon Gold 6238R	\$2,612.00	28C	2.2/4.0 GHz	165 W
Xeon Gold 6230R	\$1,894.00	26C	2.1/4.0 GHz	150 W
Xeon Gold 6226R	\$1,300.00	16C	2.9/3.9 GHz	150 W
Xeon Gold 6208U	\$989.00	16C	2.9/3.9 GHz	150 W
Xeon Gold 5220R	\$1,555.00	24C	2.2/4.0 GHz	150 W
Xeon Gold 5218R	\$1,273.00	20C	2.1/4.0 GHz	125 W
Xeon Silver 4215R	\$749.00	8C	3.2/4.0 GHz	130 W
Xeon Silver 4214R	\$694.00	12C	2.4/3.5 GHz	100 W
Xeon Silver 4210R	\$501.00	10C	2.4/3.2 GHz	100 W
Xeon Silver 4210T	\$554.00	10C	2.3/3.2 GHz	95 W
Xeon Bronze 3206R	\$306.00	8C	1.9/- GHz	85 W

Key

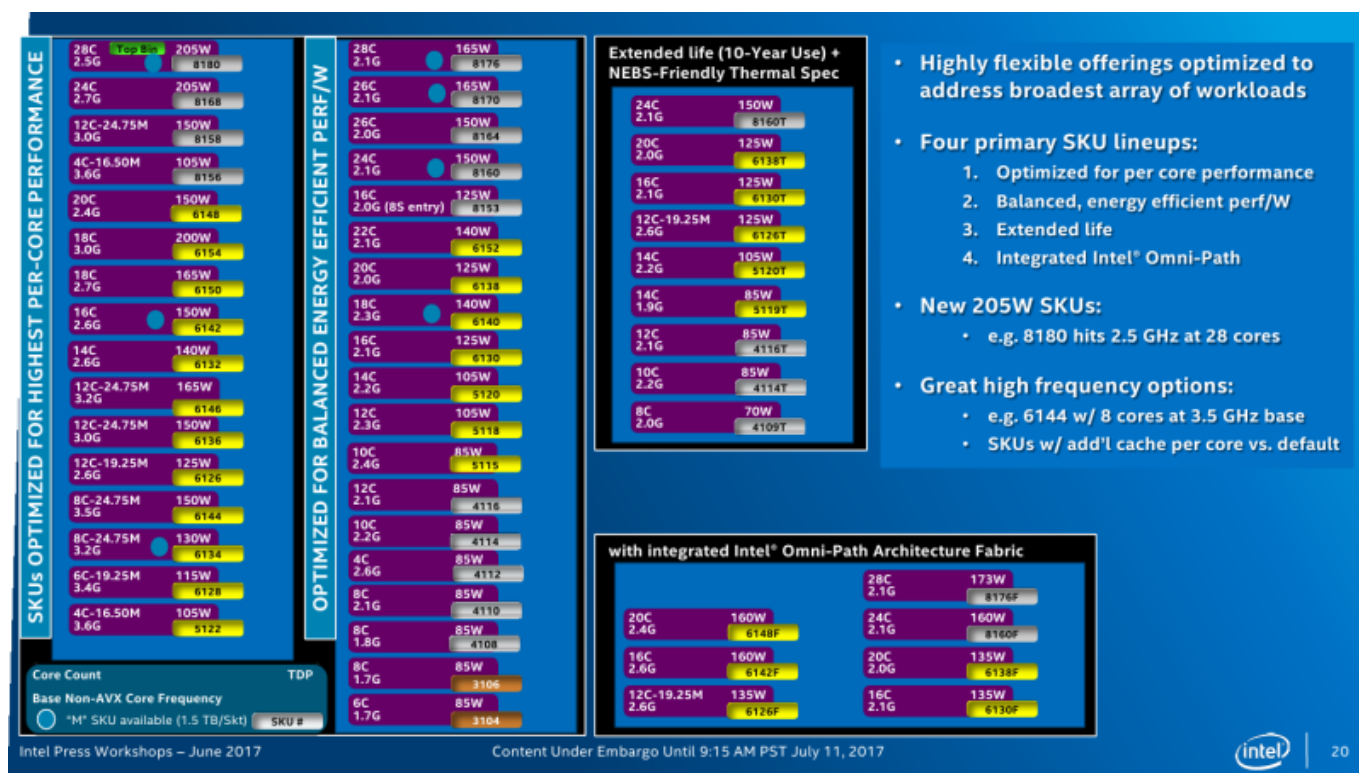
-  - Matching Model Numbers
-  - Similar Core-Count and Frequency or Pricing

WikiChip ©

gen2: gen Xeon Scalable "Cascade Lake"



gen1: Xeon Scalable "Sky Lake"



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