

# Intel ??? 4 ? Xeon Scalable ??????????

Z5 PERFORMANCE GENERAL PURPOSE														IMDB/ANALYTICS/VIRTUALIZATION OPTIMIZED (-H) – SOCKET SCALABLE																					
SKU Number	Base Cores	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 D3S Devices	Default JAA Devices	Intel SOX Endorse Capacity (Per Processor)	Recommended Customer Pricing (SCP) in \$ US Dollars	Intel® On Demand Capable	Die Chip	SKU Number	Base Cores	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 D3S Devices	Default JAA Devices	Intel SOX Endorse Capacity (Per Processor)	Recommended Customer Pricing (SCP) in \$ US Dollars	Intel® On Demand Capable	Die Chip		
8480+	56	2.3	3.8	105	350	25	4800	4	1	1	1	1	512GB	\$10,710	✓	XCC	8490H	60	1.9	2.9	3.5	112.5	350	85	4800	4	4	4	4	4	512GB	\$17,000	✓	XCC	
8470	52	2.3	3.8	105	350	25	4800	4	1	0	0	0	512GB	\$9,359	✓	XCC	8468H	48	2.1	3.1	3.8	105	330	85	4800	4	4	4	4	4	512GB	\$13,923	✓	XCC	
8468	48	2.1	3.1	3.8	105	350	25	4800	4	1	0	0	512GB	\$7,214	✓	XCC	8460H	40	2.2	3.1	3.8	105	330	85	4800	4	4	0	0	4	512GB	\$10,710	✓	XCC	
8460Y+	40	2.2	3.7	105	300	25	4800	4	1	1	1	1	128GB	\$5,558	✓	XCC	8454H	32	2.1	2.7	3.4	82.5	270	85	4800	4	4	4	4	4	512GB	\$6,540	✓	XCC	
8462Y+	32	2.8	3.6	4.1	60	300	25	4800	3	1	1	1	128GB	\$5,945	✓	XCC	8450H	28	2.2	2.8	3.5	75	250	85	4800	4	4	0	0	4	512GB	\$4,708	✓	XCC	
8448Y	32	2.1	3.1	4.1	60	225	25	4800	3	1	0	0	0	128GB	\$3,583	✓	MCC	8444H	16	2.9	3.2	4.1	45	270	85	4800	4	4	0	0	4	512GB	\$4,234	✓	XCC
8442Y	24	2.6	3.3	4.1	60	225	25	4800	3	1	0	0	0	128GB	\$2,878	✓	MCC	8440H	32	2.4	3.2	4.1	60	250	45	4800	3	1	2	2	1	512GB	\$3,558	✓	MCC
8441Y	16	3.6	4.1	4.1	45	270	25	4800	3	1	0	0	0	128GB	\$3,622	✓	MCC	8418H	24	2.1	2.9	4.1	60	185	45	4800	3	1	0	0	1	512GB	\$2,965	✓	MCC
8426Y	16	2.5	3.3	4.1	37.5	185	25	4800	3	1	0	0	0	128GB	\$1,517	✓	MCC	8416H	18	2.2	2.9	4.2	45	165	45	4800	3	1	0	0	1	512GB	\$1,444	✓	MCC
8434	8	3.7	4.1	4.1	22.5	195	25	4800	3	1	0	0	0	128GB	\$2,607	✓	MCC	8434H	8	3.7	4.1	4.1	22.5	195	45	4800	3	1	0	0	1	512GB	\$3,070	✓	MCC
8415+	8	2.9	3.6	4.1	22.5	150	25	4400	3	1	1	1	1	128GB	\$1,066	✓	MCC																		
Z5 MAINLINE GENERAL PURPOSE														5G / NETWORKING OPTIMIZED (-N)																					
8452Y	36	2.2	3.2	67.5	300	25	4800	4	1	0	0	0	128GB	\$3,995	✓	XCC	8470N	52	1.7	2.7	3.6	97.5	300	25	4800	4	4	4	4	0	128GB	\$9,520	✓	XCC	
8438Y+	32	2.2	3.2	60	205	25	4800	3	1	1	1	1	128GB	\$3,141	✓	MCC	8471N	52	1.8	2.8	3.6	97.5	300	15	4800	4	4	4	4	0	128GB	\$5,171	✓	XCC	
8430	32	2.1	2.6	3.4	60	270	25	4400	3	1	0	0	0	128GB	\$2,128	✓	XCC	8438N	32	2.2	2.7	3.6	60	205	25	4800	3	1	2	2	0	128GB	\$3,351	✓	MCC
8420+	28	2.2	4.1	52.5	205	25	4400	3	1	1	1	1	128GB	\$1,848	✓	MCC	8428N	32	1.8	2.5	3.8	60	185	25	4800	3	1	2	2	0	128GB	\$3,200	✓	MCC	
8418Y	24	2.2	3.8	45	185	25	4400	3	1	0	0	0	128GB	\$1,483	✓	MCC	8421N	32	1.8	2.6	3.6	60	185	15	4400	3	1	2	2	0	128GB	\$2,368	✓	MCC	
8416+	20	2.2	3.9	37.5	165	25	4000	2	1	1	1	1	64GB	\$1,176	✓	MCC	8418N	24	1.8	2.6	3.8	45	165	25	4000	3	1	2	2	0	128GB	\$1,664	✓	MCC	
8410Y	12	2.2	3.9	30	150	25	4000	2	1	0	0	0	64GB	\$563	✓	MCC	8411N	24	1.9	2.8	3.9	45	165	15	4400	3	1	2	2	0	128GB	\$1,232	✓	MCC	
LIQUID COOLED GENERAL PURPOSE (-Q)														CLOUD OPTIMIZED IaaS (-P) / SaaS (-V) / Media (-M)																					
8470Q	52	2.1	3.2	3.8	105	350	25	4800	4	1	0	0	0	512GB	\$9,410	✓	XCC	8468V	48	2.4	2.9	3.8	97.5	330	25	4800	3	1	1	1	1	128GB	\$7,121	✓	XCC
8458Q	32	3.1	4.1	60	350	25	4800	3	1	0	0	0	128GB	\$6,416	✓	MCC	8458P	44	2.7	3.2	3.8	82.5	350	25	4800	3	1	1	1	1	1	512GB	\$6,759	✓	XCC
SINGLE SOCKET GENERAL PURPOSE (-U)														STORAGE & HYPERCONVERGED INFRASTRUCTURE (HCI) OPTIMIZED (-S)																					
8414U	32	2.2	3.4	60	250	15	4800	0	1	0	0	0	512GB	\$2,296	✓	XCC	8463M	32	2.2	2.8	3.9	60	205	25	4800	3	1	0	0	1	128GB	\$3,273	✓	MCC	
8412U	24	2.1	2.9	3.9	45	185	15	4400	0	1	0	0	128GB	\$1,113	✓	MCC	8454S	32	2.2	2.8	3.4	60	270	25	4800	4	4	4	4	0	128GB	\$3,157	✓	XCC	
8408U	8	1.8	1.9	1.9	22.5	123	15	4000	0	1	0	0	64GB	\$415	✓	MCC	8416S	16	2.2	2.8	4.1	30	150	25	4400	3	1	2	2	0	128GB	\$944	✓	MCC	
LONG-LIFE USE (IOT) GENERAL PURPOSE (-T)														HPC OPTIMIZED (Intel® Xeon® CPU Max Series)																					
8410T	10	2.7	3.4	4.1	26.25	150	25	4000	2	1	0	0	0	64GB	\$624	✓	MCC	9480	56	1.9	2.6	3.5	112.5	350	25	4800	4	4	0	0	0	512GB	\$12,980	✓	XCC

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

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



Max = 9400 series  
Platinum = 8000 series  
Gold = 6000 series  
Silver = 5000 series  
Bronze = 4000 series

Please visit [intel.com/xeon](https://www.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://ark.intel.com/content/www/us/en/ark.html>

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

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