

QVL Support List

R263-SG0-AAL1

Intel CPU

Product Name	Vendor	Code Name	Q-Spec	Stepping	Cache	# of Cores	Processor Base Frequency (GHz)	Max Turbo Frequency (GHz)	TDP	Memory Types
Emerald Rapids - 5th Generation Intel® Xeon® Scalable Processors										
Intel® Xeon® Gold 5512U Processor	Intel	Emerald Rapids	Q41R	R-1	52.5MB	28	2.1	3.7	185W	DDR5-4800
Intel® Xeon® Gold 5515+ Processor	Intel	Emerald Rapids	Q420	R-1	22.5MB	8	3.2	4.1	165W	DDR5-4800
Intel® Xeon® Gold 5520+ Processor	Intel	Emerald Rapids	Q41X	R-1	52.5MB	28	2.2	4	205W	DDR5-4800
Intel® Xeon® Gold 6526Y Processor	Intel	Emerald Rapids	Q41V	R-1	37.5MB	16	2.8	3.9	195W	DDR5-5200
Intel® Xeon® Gold 6530 Processor	Intel	Emerald Rapids	Q3W3	A-1	160MB	32	2.1	4	270W	DDR5-4800
Intel® Xeon® Gold 6534 Processor	Intel	Emerald Rapids	Q422	R-1	22.5MB	8	3.9	4.2	195W	DDR5-4800
Intel® Xeon® Gold 6538N Processor	Intel	Emerald Rapids	Q42X	R-1	60MB	32	2.1	4.1	205W	DDR5-5200
Intel® Xeon® Gold 6538Y+ Processor	Intel	Emerald Rapids	Q41W	R-1	60MB	32	2.2	4	225W	DDR5-5200
Intel® Xeon® Gold 6542Y Processor	Intel	Emerald Rapids	Q41U	R-1	60MB	24	2.9	4.1	250W	DDR5-5200
Intel® Xeon® Gold 6544Y Processor	Intel	Emerald Rapids	Q41S	R-1	45MB	16	3.6	4.1	270W	DDR5-5200
Intel® Xeon® Gold 6548N Processor	Intel	Emerald Rapids	Q42W	R-1	60MB	32	2.8	4.1	250W	DDR5-5200
Intel® Xeon® Gold 6548Y+ Processor	Intel	Emerald Rapids	Q41T	R-1	60MB	32	2.5	4.1	250W	DDR5-5200
Intel® Xeon® Gold 6554S Processor	Intel	Emerald Rapids	Q3V3	A-1	180MB	36	2.2	4	270W	DDR5-5200
Intel® Xeon® Platinum 8558 Processor	Intel	Emerald Rapids	Q3WB	A-1	260MB	48	2.1	4	330W	DDR5-5200
Intel® Xeon® Platinum 8558P Processor	Intel	Emerald Rapids	Q3V2	A-1	260MB	48	2.7	4	350W	DDR5-5600
Intel® Xeon® Platinum 8558U Processor	Intel	Emerald Rapids	Q3W8	A-1	260MB	48	2	4	300W	DDR5-4800
Intel® Xeon® Platinum 8562Y+ Processor	Intel	Emerald Rapids	Q421	R-1	60MB	32	2.8	4.1	300W	DDR5-5600
Intel® Xeon® Platinum 8568Y+ Processor	Intel	Emerald Rapids	Q3W4	A-1	300MB	48	2.3	4	350W	DDR5-5600
Intel® Xeon® Platinum 8570 Processor	Intel	Emerald Rapids	Q3W5	A-1	300MB	56	2.1	4	350W	DDR5-5600
Intel® Xeon® Platinum 8571N Processor	Intel	Emerald Rapids	Q3WR	A-1	300MB	52	2.4	4	300W	DDR5-4800
Intel® Xeon® Platinum 8580 Processor	Intel	Emerald Rapids	Q3W6	A-1	300MB	60	2	4	350W	DDR5-5600
Intel® Xeon® Platinum 8581V Processor	Intel	Emerald Rapids	Q3V0	A-1	300MB	60	2	3.9	270W	DDR5-4800

Product Name	Vendor	Code Name	Q-Spec	Stepping	Cache	# of Cores	Processor Base Frequency (GHz)	Max Turbo Frequency (GHz)	TDP	Memory Types
Intel® Xeon® Platinum 8592+ Processor	Intel	Emerald Rapids	Q3W7	A-1	320MB	64	1.9	3.9	350W	DDR5-5600
Intel® Xeon® Platinum 8592V Processor	Intel	Emerald Rapids	Q3V1	A-1	320MB	64	2	3.9	330W	DDR5-4800
Intel® Xeon® Silver 4514Y Processor	Intel	Emerald Rapids	Q41Z	R-1	30MB	16	2	3.4	150W	DDR5-4400
Intel® Xeon® Silver 4516Y+ Processor	Intel	Emerald Rapids	Q41Y	R-1	45MB	24	2.2	3.7	185W	DDR5-4400
Sapphire Rapids - 4th Generation Intel® Xeon® Scalable Processors										
Intel® Xeon® Gold 5411N Processor	Intel	Sapphire Rapids	Q27X	S-3	45MB	24	1.9	3.9	165W	DDR5-4400
Intel® Xeon® Gold 5412U Processor	Intel	Sapphire Rapids	Q27H	S-3	45MB	24	2.1	3.9	185W	DDR5-4400
Intel® Xeon® Gold 5415+ Processor	Intel	Sapphire Rapids	Q27C	S-3	22.5MB	8	2.9	4.1	150W	DDR5-4400
Intel® Xeon® Gold 5416S Processor	Intel	Sapphire Rapids	Q281	S-3	30MB	16	2	4	150W	DDR5-4400
Intel® Xeon® Gold 5418N Processor	Intel	Sapphire Rapids	Q27W	S-3	45MB	24	1.8	3.8	165W	DDR5-4000
Intel® Xeon® Gold 5418Y Processor	Intel	Sapphire Rapids	Q27G	S-3	45MB	24	2	3.8	185W	DDR5-4400
Intel® Xeon® Gold 5420+ Processor	Intel	Sapphire Rapids	Q27K	S-3	52.5MB	28	2	4.1	205W	DDR5-4400
Intel® Xeon® Gold 6414U Processor	Intel	Sapphire Rapids	Q234	E-5	60MB	32	2	3.4	250W	DDR5-4800
Intel® Xeon® Gold 6416H Processor	Intel	Sapphire Rapids	Q27Q	S-3	45MB	18	2.2	4.2	165W	DDR5-4800
Intel® Xeon® Gold 6418H Processor	Intel	Sapphire Rapids	Q27R	S-3	60MB	24	2.1	4	185W	DDR5-4800
Intel® Xeon® Gold 6421N Processor	Intel	Sapphire Rapids	Q27Z	S-3	60MB	32	1.8	3.6	185W	DDR5-4800
Intel® Xeon® Gold 6426Y Processor	Intel	Sapphire Rapids	Q27E	S-3	37.5MB	16	2.5	4.1	185W	DDR5-4800
Intel® Xeon® Gold 6428N Processor	Intel	Sapphire Rapids	Q27Y	S-3	60MB	32	1.8	3.8	185W	DDR5-4800
Intel® Xeon® Gold 6430 Processor	Intel	Sapphire Rapids	Q23B	E-5	60MB	32	2.1	3.4	270W	DDR5-4400
Intel® Xeon® Gold 6434 Processor	Intel	Sapphire Rapids	Q273	S-3	22.5MB	8	3.7	4.1	195W	DDR5-4800
Intel® Xeon® Gold 6434H Processor	Intel	Sapphire Rapids	Q27P	S-3	22.5MB	8	3.7	4.1	195W	DDR5-4800
Intel® Xeon® Gold 6438M Processor	Intel	Sapphire Rapids	Q282	S-3	60MB	32	2.2	3.9	205W	DDR5-4800
Intel® Xeon® Gold 6438N Processor	Intel	Sapphire Rapids	Q280	S-3	60MB	32	2	3.6	205W	DDR5-4800
Intel® Xeon® Gold 6438Y+ Processor	Intel	Sapphire Rapids	Q27L	S-3	60MB	32	2	4	205W	DDR5-4800
Intel® Xeon® Gold 6442Y Processor	Intel	Sapphire Rapids	Q27J	S-3	60MB	24	2.6	4	225W	DDR5-4800
Intel® Xeon® Gold 6444Y Processor	Intel	Sapphire Rapids	Q27T	S-3	45MB	16	3.6	4	270W	DDR5-4800
Intel® Xeon® Gold 6448H Processor	Intel	Sapphire Rapids	Q27S	S-3	60MB	32	2.4	4.1	250W	DDR5-4800
Intel® Xeon® Gold 6448Y Processor	Intel	Sapphire Rapids	Q27M	S-3	60MB	32	2.1	4.1	225W	DDR5-4800

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Intel® Xeon® Gold 6454S Processor	Intel	Sapphire Rapids	Q23C	E-5	60MB	32	2.2	3.4	270W	DDR5-4800
Intel® Xeon® Max 9460 Processor	Intel	Sapphire Rapids HBM	Q2HS	B-3	97.5MB	40	2.2	3.5	350W	DDR5-4800
Intel® Xeon® Max 9462 Processor	Intel	Sapphire Rapids HBM	Q2HR	B-3	75MB	32	2.7	3.5	350W	DDR5-4800
Intel® Xeon® Max 9468 Processor	Intel	Sapphire Rapids HBM	Q2HT	B-3	105MB	48	2	3.5	350W	DDR5-4800
Intel® Xeon® Platinum 8444H Processor	Intel	Sapphire Rapids	Q23W	E-5	45MB	16	2.9	4	270W	DDR5-4800
Intel® Xeon® Platinum 8450H Processor	Intel	Sapphire Rapids	Q244	E-5	75MB	28	2	3.5	250W	DDR5-4800
Intel® Xeon® Platinum 8452Y Processor	Intel	Sapphire Rapids	Q246	E-5	67.5MB	36	2	3.2	300W	DDR5-4800
Intel® Xeon® Platinum 8454H Processor	Intel	Sapphire Rapids	Q23R	E-5	82.5MB	32	2.1	3.4	270W	DDR5-4800
Intel® Xeon® Platinum 8458P Processor	Intel	Sapphire Rapids	Q23F	E-5	82.5MB	44	2.7	3.8	350W	DDR5-4800
Intel® Xeon® Platinum 8460H Processor	Intel	Sapphire Rapids	Q23V	E-5	105MB	40	2.2	3.8	330W	DDR5-4800
Intel® Xeon® Platinum 8460Y+ Processor	Intel	Sapphire Rapids	Q238	E-5	105MB	40	2	3.7	300W	DDR5-4800
Intel® Xeon® Platinum 8461V Processor	Intel	Sapphire Rapids	Q23E	E-5	97.5MB	48	2.2	3.7	300W	DDR5-4800
Intel® Xeon® Platinum 8462Y+ Processor	Intel	Sapphire Rapids	Q27N	S-3	60MB	32	2.8	4.1	300W	DDR5-4800
Intel® Xeon® Platinum 8468 Processor	Intel	Sapphire Rapids	Q237	E-5	105MB	48	2.1	3.8	350W	DDR5-4800
Intel® Xeon® Platinum 8468H Processor	Intel	Sapphire Rapids	Q242	E-5	105MB	48	2.1	3.8	330W	DDR5-4800
Intel® Xeon® Platinum 8468V Processor	Intel	Sapphire Rapids	Q23D	E-5	97.5MB	48	2.4	3.8	330W	DDR5-4800
Intel® Xeon® Platinum 8470 Processor	Intel	Sapphire Rapids	Q236	E-5	105MB	52	2	3.8	350W	DDR5-4800
Intel® Xeon® Platinum 8480+ Processor	Intel	Sapphire Rapids	Q23T	E-5	105MB	56	2	3.8	350W	DDR5-4800
Intel® Xeon® Platinum 8490H Processor	Intel	Sapphire Rapids	Q23U	E-5	112.5MB	60	1.9	3.5	350W	DDR5-4800
Intel® Xeon® Silver 4410T Processor	Intel	Sapphire Rapids	Q27V	S-3	26.25MB	10	2.7	4	150W	DDR5-4000
Intel® Xeon® Silver 4410Y Processor	Intel	Sapphire Rapids	Q27D	S-3	30MB	12	2	3.9	150W	DDR5-4000
Intel® Xeon® Silver 4416+ Processor	Intel	Sapphire Rapids	Q27F	S-3	37.5MB	20	2	3.9	165W	DDR5-4000
SAPPHIRE RAPIDS EE - 5th Generation Intel® Xeon® Scalable Processors										
Intel® Xeon® Silver 4509Y Processor	Intel	SAPPHIRE RAPIDS EE	Q40S	U-1	22.5MB	8	2.6	4.1	125W	DDR5-4400
Intel® Xeon® Silver 4510 Processor	Intel	SAPPHIRE RAPIDS EE	Q40R	U-1	30MB	12	2.4	4.1	150W	DDR5-4400
Intel® Xeon® Silver 4510T Processor	Intel	SAPPHIRE RAPIDS EE	Q40U	U-1	30MB	12	2	3.7	115W	DDR5-4400

Attention:
1. Please contact FAE support for below orange blocks
2. Storage (If the system build-in with RAID card ,please refer to RAID card QVL list)
3. undefined