

Processor No.	Code Name	TDP Watt	Total cache	Core	System Bus	Processor Base Frequency	Max Turbo Frequency	Memory Types	Processor Graphics
Platinum									
Intel® Xeon® Platinum 8180M	SKYLAKE-S	205 W	38.5 MB L3	28	10.4 GT/s	2.50 GHz	3.80 GHz	DDR4-2666	None
Intel® Xeon® Platinum 8180	SKYLAKE-S	205 W	38.5 MB L3	28	10.4 GT/s	2.50 GHz	3.80 GHz	DDR4-2666	None
Intel® Xeon® Platinum 8176M	SKYLAKE-S	165 W	38.5 MB L3	28	10.4 GT/s	2.10 GHz	3.80 GHz	DDR4-2666	None
Intel® Xeon® Platinum 8170M	SKYLAKE-S	165 W	35.75MB	26	10.4 GT/s	2.10 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Platinum 8160M	SKYLAKE-S	150W	33MB	24	10.4 GT/s	2.1 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Platinum 8158	SKYLAKE-S	150W	24.75MB	12	10.4 GT/s	3.0 GHz	3.7 GHz	DDR4-2666	None
Intel® Xeon® Platinum 8156	SKYLAKE-S	105W	16.5MB	4	10.4 GT/s	3.6 GHz	3.7 GHz	DDR4-2666	None
Gold									
Intel® Xeon® Gold 6154	SKYLAKE-S	200W	24.75MB	18	10.4 GT/s	3.0 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6152	SKYLAKE-S	140W	30.25MB	22	10.4 GT/s	2.1 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6150	SKYLAKE-S	165W	24.75MB	18	10.4 GT/s	2.7 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6148	SKYLAKE-S	150W	27.5MB	20	10.4 GT/s	2.40 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6146	SKYLAKE-S	165 W	24.75 MB L3	12	10.4 GT/s	3.20 GHz	4.20 GHz	DDR4-2666	None
Intel® Xeon® Gold 6144	SKYLAKE-S	150 W	24.75 MB L3	8	10.4 GT/s	3.50 GHz	4.20 GHz	DDR4-2666	None
Intel® Xeon® Gold 6142	SKYLAKE-S	150 W	22MB	16	10.4 GT/s	2.60 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6140M	SKYLAKE-S	140 W	24.75 MB L3	18	10.4 GT/s	2.30 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6140	SKYLAKE-S	140W	24.75MB	18	10.4 GT/s	2.30 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6138T	SKYLAKE-S	125W	27.5MB	20	10.4 GT/s	2.0 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6138	SKYLAKE-S	125W	27.5MB	20	10.4 GT/s	2.0 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6136	SKYLAKE-S	150W	24.75MB	12	10.4 GT/s	3.0 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6134M	SKYLAKE-S	130W	24.75MB	8	10.4 GT/s	3.2 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6134	SKYLAKE-S	130W	24.75MB	8	10.4 GT/s	3.2 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6132	SKYLAKE-S	140W	19.25MB	14	10.4 GT/s	2.6 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6130T	SKYLAKE-S	125W	22MB	16	10.4 GT/s	2.1 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6130	SKYLAKE-S	125W	22MB	16	10.4 GT/s	2.10 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6128	SKYLAKE-S	115W	19.25MB	6	10.4 GT/s	3.4 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6126T	SKYLAKE-S	125W	19.25MB	12	10.4 GT/s	2.6 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 6126	SKYLAKE-S	125W	19.25MB	12	10.4 GT/s	2.6 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 5122	SKYLAKE-S	105W	16.5MB	4	10.4 GT/s	3.6 GHz	3.70 GHz	DDR4-2666	None
Intel® Xeon® Gold 5120T	SKYLAKE-S	105 W	19.25 MB L3	14	10.4 GT/s	2.20 GHz	3.20 GHz	DDR4-2666	None
Intel® Xeon® Gold 5120	SKYLAKE-S	105 W	19.25 MB L3	14	10.4 GT/s	2.20 GHz	3.20 GHz	DDR4-2666	None
Intel® Xeon® Gold 5118	SKYLAKE-S	105 W	16.5 MB L3	12	10.4 GT/s	2.30 GHz	3.20 GHz	DDR4-2666	None
Intel® Xeon® Gold 5115	SKYLAKE-S	85 W	13.75 MB L3	10	10.4 GT/s	2.40 GHz	3.20 GHz	DDR4-2666	None
Silver									
Intel® Xeon® Silver 4116T	SKYLAKE-S	85W	16.5 MB L3	12	10.4 GT/s	2.2 GHz	3.0 GHz	DDR4-2666	None
Intel® Xeon® Silver 4116	SKYLAKE-S	85W	16.5 MB L3	12	10.4 GT/s	2.1 GHz	3.0 GHz	DDR4-2666	None
Intel® Xeon® Silver 4114	SKYLAKE-S	85W	13.75 MB L3	10	10.4 GT/s	2.2 GHz	3.0 GHz	DDR4-2666	None
Intel® Xeon® Silver 4112	SKYLAKE-S	85W	8.25 MB L3	4	10.4 GT/s	2.6 GHz	3.0 GHz	DDR4-2666	None
Intel® Xeon® Silver 4110	SKYLAKE-S	85W	11 MB L3	8	10.4 GT/s	2.1 GHz	3.0 GHz	DDR4-2666	None
Intel® Xeon® Silver 4109T	SKYLAKE-S	70W	11 MB L3	8	10.4 GT/s	2.0 GHz	3.0 GHz	DDR4-2666	None
Intel® Xeon® Silver 4108	SKYLAKE-S	85W	11 MB L3	8	10.4 GT/s	1.8 GHz	3.0 GHz	DDR4-2666	None
Bronze									
Intel® Xeon® Bronze 3106	SKYLAKE-S	85W	11 MB L3	8	10.4 GT/s	1.7 GHz	N/A	DDR4-2666	None
Intel® Xeon® Bronze 3104	SKYLAKE-S	85W	8.25 MB L3	6	10.4 GT/s	1.7 GHz	N/A	DDR4-2666	None

Intel® Xeon® Gold 6252N	Cascade Lake-SP	150W	36 MB	24	10.4 GT/s	2.3 GHz	3.6 GHz	DDR4-2933	None
Intel® Xeon® Gold 6252	Cascade Lake-SP	150W	36 MB	24	10.4 GT/s	2.1 GHz	3.70 GHz	DDR4-2933	None
Intel® Xeon® Gold 6250	Cascade Lake-SP	185W	35.75 MB	8	10.4 GT/s	3.9 GHz	4.5 GHz	DDR4-2933	None
Intel® Xeon® Gold 6246R	Cascade Lake-SP	205W	35.75 MB	16	10.4 GT/s	3.4 GHz	4.1 GHz	DDR4-2933	None
Intel® Xeon® Gold 6244	Cascade Lake-SP	150W	25 MB	8	10.4 GT/s	3.6 GHz	4.4 GHz	DDR4-2933	None
Intel® Xeon® Gold 6242R	Cascade Lake-SP	205W	35.75 MB	20	10.4 GT/s	3.1 GHz	4.1 GHz	DDR4-2933	None
Intel® Xeon® Gold 6242	Cascade Lake-SP	150W	22 MB	16	10.4 GT/s	2.8 GHz	3.9 GHz	DDR4-2933	None
Intel® Xeon® Gold 6240R	Cascade Lake-SP	165W	35.75 MB	24	10.4 GT/s	2.4 GHz	4.0 GHz	DDR4-2933	None
Intel® Xeon® Gold 6240Y	Cascade Lake-SP	150W	25 MB	18	10.4 GT/s	2.6 GHz	3.9 GHz	DDR4-2933	None
Intel® Xeon® Gold 6238T	Cascade Lake-SP	125W	30 MB	22	10.4 GT/s	1.9 GHz	3.7 GHz	DDR4-2933	None
Intel® Xeon® Gold 6238M	Cascade Lake-SP	140W	30 MB	22	10.4 GT/s	2.1 GHz	3.70 GHz	DDR4-2933	None
Intel® Xeon® Gold 6238L	Cascade Lake-SP	140W	30 MB	22	10.4 GT/s	2.1 GHz	3.7 GHz	DDR4-2933	None
Intel® Xeon® Gold 6238R	Cascade Lake-SP	165W	38.5 MB	28	10.4 GT/s	2.2 GHz	4.0 GHz	DDR4-2933	None
Intel® Xeon® Gold 6238	Cascade Lake-SP	140W	30 MB	22	10.4 GT/s	2.1 GHz	3.7 GHz	DDR4-2933	None
Intel® Xeon® Gold 6230T	Cascade Lake-SP	125W	28 MB	20	10.4 GT/s	2.1 GHz	3.9 GHz	DDR4-2933	None
Intel® Xeon® Gold 6230N	Cascade Lake-SP	125W	28 MB	20	10.4 GT/s	2.3 GHz	3.9 GHz	DDR4-2933	None
Intel® Xeon® Gold 6230	Cascade Lake-SP	125W	28 MB	20	10.4 GT/s	2.1 GHz	3.9 GHz	DDR4-2933	None
Intel® Xeon® Gold 6226R	Cascade Lake-SP	150W	22 MB	16	10.4 GT/s	2.9 GHz	3.9 GHz	DDR4-2933	None
Intel® Xeon® Gold 5222	Cascade Lake-SP	105W	17 MB	4	10.4 GT/s	3.8 GHz	3.9 GHz	DDR4-2933	None
Intel® Xeon® Gold 5220R	Cascade Lake-SP	150W	35.75 MB	24	10.4 GT/s	2.2 GHz	4.0 GHz	DDR4-2667	None
Intel® Xeon® Gold 5218R	Cascade Lake-SP	125W	27.5 MB	20	10.4 GT/s	2.1 GHz	4.0 GHz	DDR4-2667	None
Intel® Xeon® Gold 5218	Cascade Lake-SP	125W	22 MB	16	10.4 GT/s	2.3 GHz	3.9 GHz	DDR4-2667	None
Cascade Lake Sliver									
Intel® Xeon® Silver 4216	Cascade Lake-SP	100W	22 MB	16	10.4 GT/s	2.1 GHz	3.2 GHz	DDR4-2400	None
Intel® Xeon® Silver 4215R	Cascade Lake-SP	130W	11 MB	8	10.4 GT/s	3.2 GHz	4.0 GHz	DDR4-2400	None
Intel® Xeon® Silver 4214R	Cascade Lake-SP	100W	16.5 MB	12	10.4 GT/s	2.4 GHz	3.5 GHz	DDR4-2400	None
Intel® Xeon® Silver 4210R	Cascade Lake-SP	100W	13.75 MB	10	10.4 GT/s	2.4 GHz	3.2 GHz	DDR4-2400	None
Intel® Xeon® Silver 4210	Cascade Lake-SP	85W	14 MB	10	10.4 GT/s	2.2 GHz	3.2 GHz	DDR4-2400	None
Intel® Xeon® Silver 4209T	Cascade Lake-SP	70W	11 MB	8	10.4 GT/s	2.2 GHz	3.2 GHz	DDR4-2400	None
Intel® Xeon® Silver 4208	Cascade Lake-SP	85W	11 MB	8	10.4 GT/s	2.1 GHz	3.2 GHz	DDR4-2400	None
Cascade Lake Bronze									
Intel® Xeon® Bronze 3204	Cascade Lake-SP	85W	8.25 MB	6	10.4 GT/s	1.9 GHz	1.9 GHz	DDR4-2133	None