

v1

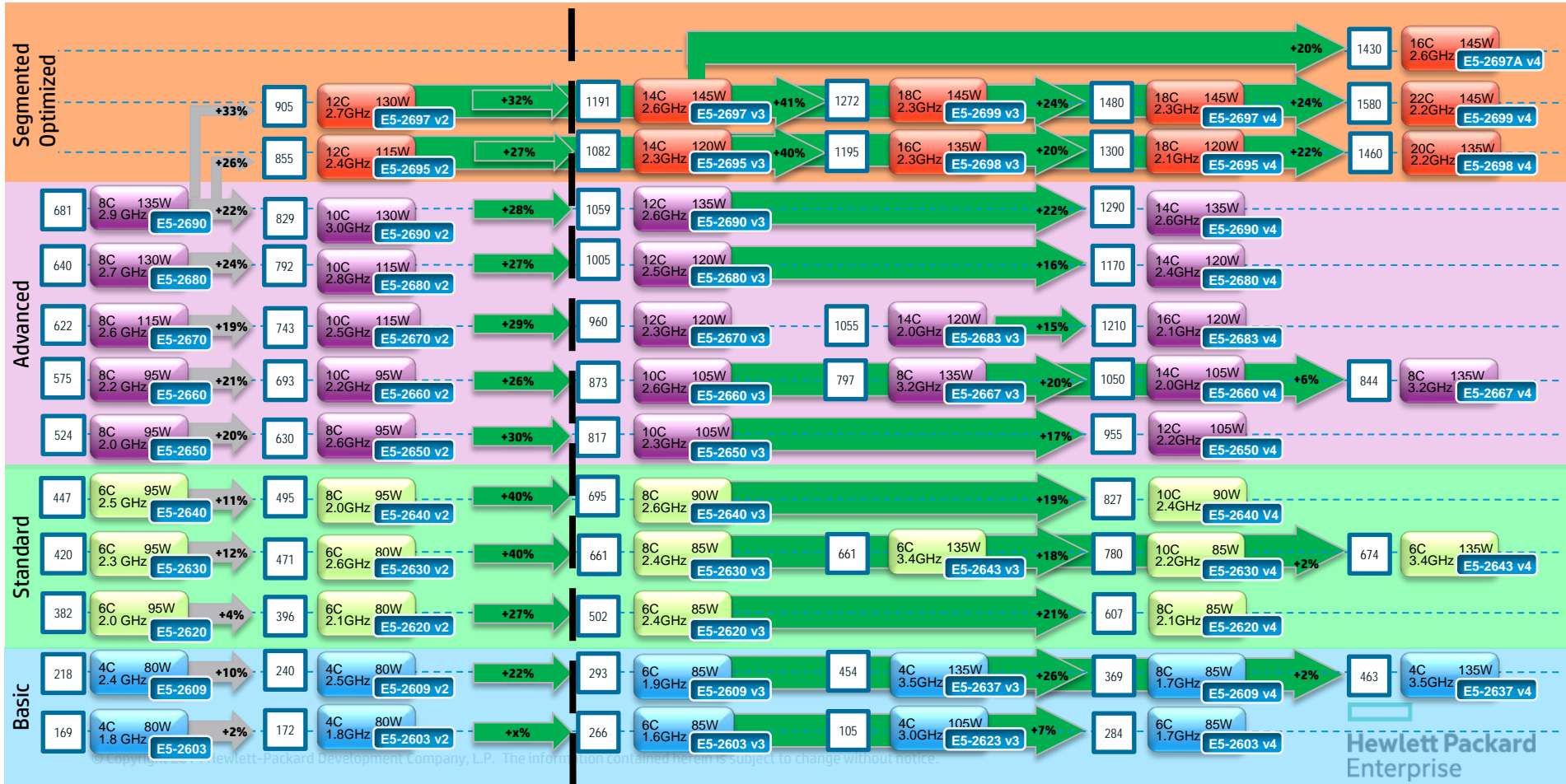
v2

Gen8

v3

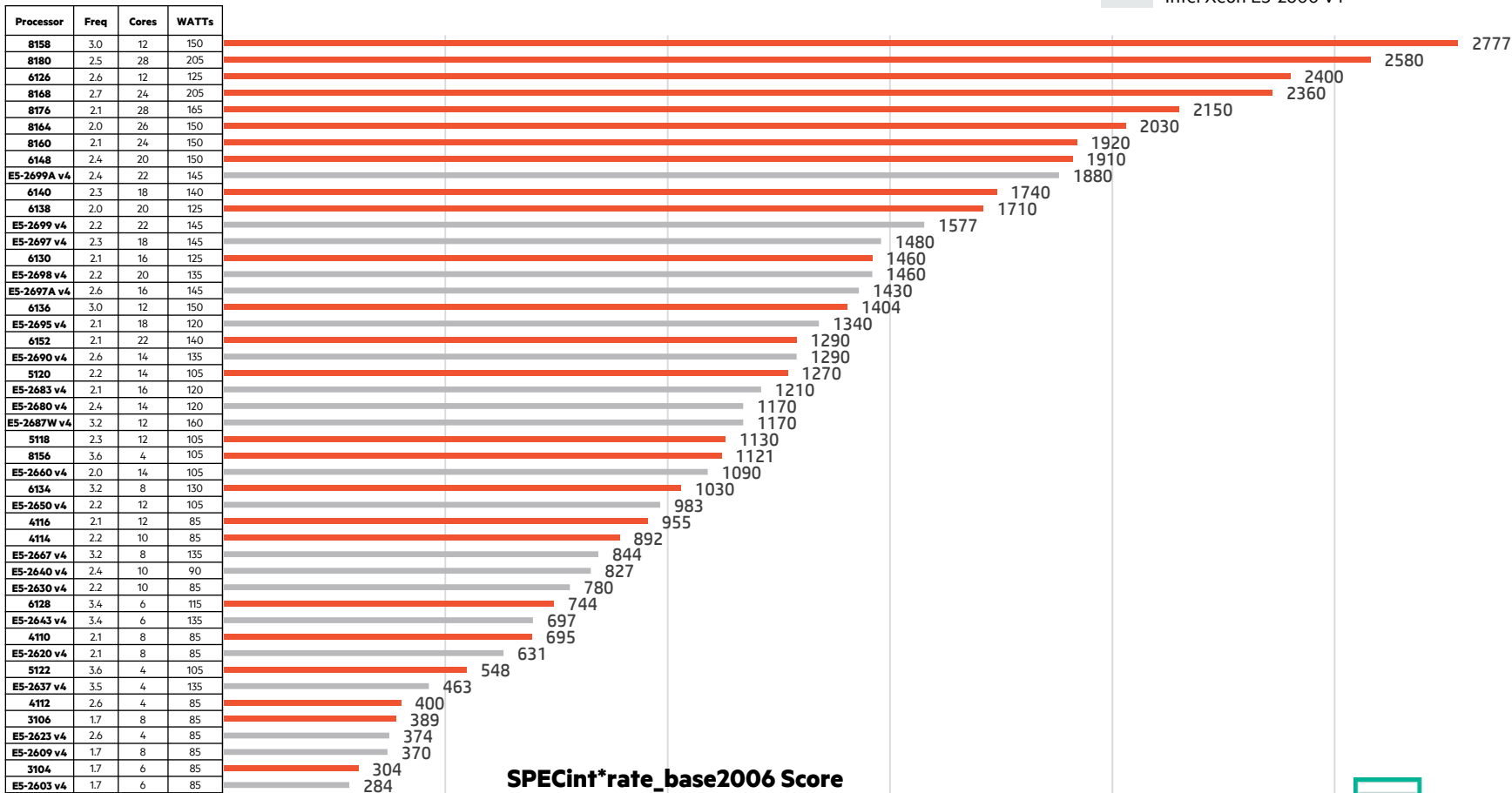
Gen9

v4



E5-2600v4 (2P Platforms) to Skylake

Intel Xeon Scalable Processor
Intel Xeon E5-2600 v4



Intel Xeon E5-2600v4 / Skylake 2P Performance/Price Comparison

GHz	CC	TDP	SPECint*	ILP USD	Shelf	CPU v2/v3/v4		Skylake-SP	Shelf	SPECint*	ILP USD	ILP % Delta	TDP	CC	GHz	SIR*	SIR/ILP
1.7	6	85	284	430	Basic	E5-2603 v4	→	3104	Bronze	304	435	1%	85	6	1.7	7%	6%
1.7	8	85	370	570	Basic	E5-2609 v4	→	3106	Bronze	389	600	5%	85	8	1.7	5%	0%
2.1	8	85	631	780	Standard	E5-2620 v4	↘	4108	Silver	631	795	2%	85	8	1.8	0%	-2%
2.1	8	85	631	780	Standard	E5-2620 v4	→	4110	Silver	695	905	16%	85	8	2.1	10%	-5%
2.6	4	85	374	750	Standard	E5-2623 v4	→	4112	Silver	400	820	9%	85	4	2.6	7%	-2%
2.2	10	85	780	1,110	Standard	E5-2630 v4	→	4114	Silver	892	1,165	5%	85	10	2.2	14%	9%
3.5	4	135	463	1,660	Advanced	E5-2637 v4	→	5122	Gold	548	2,000	20%	105	4	3.6	18%	-2%
2.4	10	90	827	1,490	Standard	E5-2640 v4	→	4116	Silver	955	1,640	10%	85	12	2.1	15%	5%
3.4	6	135	697	2,570	Advanced	E5-2643 v4	→	6128	Gold	744	2,795	9%	115	6	3.4	7%	-2%
2.2	12	105	983	1,800	Advanced	E5-2650 v4	→	5118	Gold	1130	2,080	16%	105	12	2.3	15%	-1%
2.0	14	105	1090	2,170	Advanced	E5-2660 v4	→	5120	Gold	1270	2,535	17%	105	14	2.2	17%	0%
3.2	8	135	844	3,270	Advanced	E5-2667 v4	→	6134	Gold	1030	3,610	10%	130	8	3.2	22%	11%
2.4	14	120	1170	2,750	Advanced	E5-2680 v4	↘	6126	Gold	1290	2,930	7%	125	12	2.6	10%	3%
2.4	14	120	1170	2,750	Advanced	E5-2680 v4	→	6130	Gold	1460	3,095	13%	125	16	2.1	25%	11%
2.1	16	120	1210	2,910	Advanced	E5-2683 v4	→	6130	Gold	1460	3,095	6%	125	16	2.1	21%	13%
3.2	12	160	1170	3,250	Advanced	E5-2687W v4	→	6136	Gold	1404	4,040	24%	150	12	3.0	20%	-3%
2.6	14	135	1290	3,320	Advanced	E5-2690 v4	→	6140	Gold	1740	3,980	20%	140	18	2.3	35%	13%
2.6	14	135	1290	3,320	Advanced	E5-2690 v4	↘	6132	Gold	1480	3,485	5%	140	14	2.6	15%	9%
2.1	18	120	1340	3,830	Advanced	E5-2695 v4	→	6138	Gold	1710	4,290	12%	125	20	2.0	28%	14%
2.3	18	145	1480	4,440	Advanced	E5-2697 v4	→	6148	Gold	1910	4,990	12%	150	20	2.4	29%	15%
2.3	18	145	1480	4,440	Advanced	E5-2697 v4	↘	6142	Gold	1615	4,835	9%	150	16	2.6	9%	0%
2.6	16	145	1430	5,050	Advanced	E5-2697A v4	→	6148	Gold	1910	4,990	-1%	150	20	2.4	34%	35%
2.6	16	145	1430	5,050	Advanced	E5-2697A v4	↘	6142	Gold	1615	4,835	-4%	150	16	2.6	13%	18%
2.2	20	135	1460	5,600	Advanced	E5-2698 v4	→	6152	Gold	1920	5,985	7%	140	22	2.1	32%	23%
2.2	20	135	1460	5,600	Advanced	E5-2698 v4	↘	6150	Gold	1820	5,500	-2%	165	18	2.7	25%	27%
2.2	22	145	1577	7,170	Advanced	E5-2699 v4	→	8160	Platinum	2030	8,115	13%	150	24	2.1	29%	14%
2.4	22	145	1880	7,970	Advanced	E5-2699A v4	→	8164	Platinum	2150	10,540	32%	150	26	2.0	14%	-14%
2.4	22	145	1880	7,970	Advanced	E5-2699A v4	↘	8160	Platinum	2030	8,115	2%	150	24	2.1	8%	6%