

Richard's "i" Series CPUs Quick Analysis / Comparison! (2010-07-08)

Notes:

Please be aware that the "Perf" columns on the subsequent tables are entirely my own perspective concerning performance. They should in no way be taken to indicate real-world performance but are rather my subjective & VERY simplistic take on CPU "power".

Perf (Hybrid) : Weighted by my very simplified take on factors affecting "real-world" performance.

Perf (Synth) : My more basic take on "raw" / or "specs" based performance.

Perf (Single) : My take on the performance of a CPU working on a single threaded application.

ALL (Current) "i" CPUs

Family	Number	Perf (Hybrid)	Perf (Synth)	Perf (Single)	Code Name	Clock (Ghz)	Turbo (Ghz)	Cores	Threads	Cache (MB)	System Bus (GT/s)	Bus Type	Segment	Embeddable	iGPU	Set	TBT	VT-x	VT-d	EIST	AES-NI	TXT	Launch Date	Max TDP	1ku Price
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-980X	4143053	66289	276	Gulftown	3.33	3.6	6	12	12	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Q1'10	130 W	\$999.00	
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-975	1227571	19641	184	Bloomfield	3.33	3.6	4	8	8	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q2'09	130 W	\$999.00	
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-965	1133773	18140	177	Bloomfield	3.2	3.46	4	8	8	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q4'08	130 W	\$999.00	
Intel® Core™ i7 Desktop Processor	i7-960	850330	13605	133	Bloomfield	3.2	3.46	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q4'09	130 W	\$562.00	
Intel® Core™ i7 Desktop Processor	i7-950	782577	12521	128	Bloomfield	3.06	3.33	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q2'09	130 W	\$562.00	
Intel® Core™ i7 Desktop Processor	i7-940	720077	11521	123	Bloomfield	2.93	3.2	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q4'08	130 W	\$562.00	
Intel® Core™ i7 Desktop Processor	i7-930	658022	10528	118	Bloomfield	2.8	3.06	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q1'10	130 W	\$294.00	
Intel® Core™ i7 Desktop Processor	i7-920	598564	9577	113	Bloomfield	2.66	2.93	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q4'08	130 W	\$284.00	
Intel® Core™ i7 Desktop Processor	i7-880	456552	7305	75	Lynnfield	3.06	3.73	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q2'10	95 W	\$583.00
Intel® Core™ i7 Desktop Processor	i7-875K	421920	6751	72	Lynnfield	2.93	3.6	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q2'10	95 W	\$342.00	
Intel® Core™ i7 Desktop Processor	i7-870	421920	6751	72	Lynnfield	2.93	3.6	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	No	Yes	Q3'09	95 W	\$562.00	
Intel® Core™ i7 Desktop Processor	i7-860	387520	6200	69	Lynnfield	2.8	3.46	4	8	8	2.5	DMI	DT	Yes	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	95 W	\$284.00
Intel® Core™ i7 Desktop Processor	i7-860S	350152	5602	69	Lynnfield	2.53	3.46	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q1'10	82 W	\$337.00
Intel® Core™ i7 Mobile Processor Extreme Edition	i7-940XM	283716	4539	67	Clarksfield	2.13	3.33	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	55 W	\$1096.00
Intel® Core™ i7 Mobile Processor Extreme Edition	i7-920XM	256000	4096	64	Clarksfield	2	3.2	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	55 W	\$1054.00
Intel® Core™ i7 Mobile Processor	i7-840QM	238080	3809	64	Clarksfield	1.86	3.2	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	45 W	\$568.00
Intel® Core™ i7 Mobile Processor	i7-820QM	211752	3388	61	Clarksfield	1.73	3.06	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	45 W	\$546.00
Intel® Core™ i5 Desktop Processor	i5-750	170240	2724	64	Lynnfield	2.66	3.2	4	4	8	2.5	DMI	DT	Yes	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q3'09	95 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-750S	153600	2458	64	Lynnfield	2.4	3.2	4	4	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q1'10	82 W	\$259.00
Intel® Core™ i7 Mobile Processor	i7-740QM	152067	2433	44	Clarksfield	1.73	2.93	4	8	6	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	45 W	\$378.00
Intel® Core™ i7 Mobile Processor	i7-720QM	134400	2150	42	Clarksfield	1.6	2.8	4	8	6	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	45 W	\$364.00
Intel® Core™ i5 Desktop Processor	i5-680	69480	1112	39	Clarkdale	3.6	3.86	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	73 W	\$294.00
Intel® Core™ i5 Desktop Processor	i5-670	64529	1032	37	Clarkdale	3.46	3.73	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$284.00
Intel® Core™ i5 Desktop Processor	i5-660	59940	959	36	Clarkdale	3.33	3.6	2	4	4	2.5	DMI	DT	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-661	59940	959	36	Clarkdale	3.33	3.6	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	No	Q1'10	87 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-655K	55360	886	35	Clarkdale	3.2	3.46	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	No	Q2'10	73 W	\$216.00
Intel® Core™ i5 Desktop Processor	i5-650	55360	886	35	Clarkdale	3.2	3.46	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$176.00
Intel® Core™ i3 Desktop Processor	i3-550	51200	819	32	Clarkdale	3.2	3.2	2	4	4	2.5	DMI	DT	No	Yes	64-bit	No	Yes	Yes	Yes	No	No	Q2'10	73 W	\$138.00
Intel® Core™ i3 Desktop Processor	i3-540	46818	749	31	Clarkdale	3.06	3.06	2	4	4	2.5	DMI	DT	Yes	Yes	64-bit	No	Yes	Yes	No	No	Q1'10	73 W	\$133.00	
Intel® Core™ i5 Mobile Processor	i5-450M	45965	735	38	Arrandale	2.4	2.66	2	4	3	4.8	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q2'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-620M	44329	709	33	Arrandale	2.66	3.333	2	4	4	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$332.00
Intel® Core™ i3 Desktop Processor	i3-530	42925	687	29	Clarkdale	2.93	2.93	2	4	4	2.5	DMI	DT	No	Yes	64-bit	No	Yes	Yes	No	No	Q1'10	73 W	\$113.00	
Intel® Core™ i3 Mobile Processor	i3-370M	41472	664	35	Arrandale	2.4	2.4	2	4	3	4.8	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q3'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-610E	40480	648	32	Arrandale	2.53	3.2	2	4	4	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-640LM	31236	500	29	Arrandale	2.13	2.933	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	\$332.00
Intel® Core™ i5 Mobile Processor	i5-540M	29089	465	23	Arrandale	2.53	3.066	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$257.00
Intel® Core™ i7 Mobile Processor	i7-620LE	28000	448	28	Arrandale	2	2.8	2	4	4	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	
Intel® Core™ i7 Mobile Processor	i7-620LM	28000	448	28	Arrandale	2	2.8	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	\$300.00
Intel® Core™ i5 Mobile Processor	i5-520E	26397	422	22	Arrandale	2.4	2.933	2	4	3	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	
Intel® Core™ i5 Mobile Processor	i5-520M	26397	422	22	Arrandale	2.4	2.933	2	4	3	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$225.00
Intel® Core™ i5 Mobile Processor	i5-430M	21442	343	19	Arrandale	2.26	2.53	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-350M	19154	306	17	Arrandale	2.26	2.26	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330M	17013	272	16	Arrandale	2.13	2.13	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330E	17013	272	16	Arrandale	2.13	2.13	2	4	3	2.5	DMI	MBL	Yes	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-660UM	15960	255	24	Arrandale	1.33	2.4	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	18 W	\$317.00
Intel® Core™ i7 Mobile Processor	i7-640UM	13596	218	23	Arrandale	1.2	2.266	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$305.00
Intel® Core™ i7 Mobile Processor	i7-620UM	11305	181	21	Arrandale	1.06	2.133	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$278.00
Intel® Core™ i7 Mobile Processor	i7-620UE	11289	181	21	Arrandale	1.06	2.13	2	4	4	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	
Intel® Core™ i5 Mobile Processor	i5-540UM	9000	144	15	Arrandale	1.2	2	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	18 W	\$250.00
Intel® Core™ i5 Mobile Processor	i5-430UM	7785	125	13	Arrandale	1.2	1.73	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q2'10	18 W	
Intel® Core™ i5 Mobile Processor	i5-520UM	7459	119	14	Arrandale	1.066	1.866	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$241.00
Intel® Core™ i3 Mobile Processor	i3-330UM	5400	86	9	Arrandale	1.2	1.2	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q2'10	18 W	

ALL (Current) "i" CPUs (Split)

Family	Number	Perf (Hybrid)	Perf (Synth)	Perf (Single)	Code Name	Clock (Ghz)	Turbo (Ghz)	Cores	Threads	Cache (MB)	System Bus (GT/s)	Bus Type	Segment	Embeddable	iGPU	Set	TBT	VT-x	VT-d	EIST	AES-NI	TXT	Launch Date	Max TDP	1ku Price
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-980X	4143053	66289	276	Gulftown	3.33	3.6	6	12	12	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q1'10	130 W	\$999.00
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-975	1227571	19641	184	Bloomfield	3.33	3.6	4	8	8	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	No	Q2'09	130 W	\$999.00
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-965	1133773	18140	177	Bloomfield	3.2	3.46	4	8	8	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	No	Q4'08	130 W	\$999.00
Intel® Core™ i7 Desktop Processor	i7-960	850330	13605	133	Bloomfield	3.2	3.46	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	No	Q4'09	130 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-950	782577	12521	128	Bloomfield	3.06	3.33	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	No	Q2'09	130 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-940	720077	11521	123	Bloomfield	2.93	3.2	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	No	Q4'08	130 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-930	658022	10528	118	Bloomfield	2.8	3.06	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	No	Q1'10	130 W	\$294.00
Intel® Core™ i7 Desktop Processor	i7-920	598564	9577	113	Bloomfield	2.66	2.93	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	No	Q4'08	130 W	\$284.00
Intel® Core™ i7 Desktop Processor	i7-880	456552	7305	75	Lynnfield	3.06	3.73	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q2'10	95 W	\$583.00
Intel® Core™ i7 Desktop Processor	i7-875K	421920	6751	72	Lynnfield	2.93	3.6	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	No	Q2'10	95 W	\$342.00
Intel® Core™ i7 Desktop Processor	i7-870	421920	6751	72	Lynnfield	2.93	3.6	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	95 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-860	387520	6200	69	Lynnfield	2.8	3.46	4	8	8	2.5	DMI	DT	Yes	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	95 W	\$284.00
Intel® Core™ i7 Desktop Processor	i7-860S	350152	5602	69	Lynnfield	2.53	3.46	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q1'10	82 W	\$337.00
Intel® Core™ i5 Desktop Processor	i5-750	170240	2724	64	Lynnfield	2.66	3.2	4	4	8	2.5	DMI	DT	Yes	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q3'09	95 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-750S	153600	2458	64	Lynnfield	2.4	3.2	4	4	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q1'10	82 W	\$259.00
Intel® Core™ i5 Desktop Processor	i5-680	69480	1112	39	Clarkdale	3.6	3.86	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	73 W	\$294.00
Intel® Core™ i5 Desktop Processor	i5-670	64529	1032	37	Clarkdale	3.46	3.73	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$284.00
Intel® Core™ i5 Desktop Processor	i5-660	59940	959	36	Clarkdale	3.33	3.6	2	4	4	2.5	DMI	DT	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-661	59940	959	36	Clarkdale	3.33	3.6	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q1'10	87 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-655K	55360	886	35	Clarkdale	3.2	3.46	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q2'10	73 W	\$216.00
Intel® Core™ i5 Desktop Processor	i5-650	55360	886	35	Clarkdale	3.2	3.46	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$176.00
Intel® Core™ i3 Desktop Processor	i3-550	51200	819	32	Clarkdale	3.2	3.2	2	4	4	2.5	DMI	DT	No	Yes	64-bit	No	Yes	Yes	Yes	No	No	Q2'10	73 W	\$138.00
Intel® Core™ i3 Desktop Processor	i3-540	46818	749	31	Clarkdale	3.06	3.06	2	4	4	2.5	DMI	DT	Yes	Yes	64-bit	No	Yes	Yes	No	No	No	Q1'10	73 W	\$133.00
Intel® Core™ i3 Desktop Processor	i3-530	42925	687	29	Clarkdale	2.93	2.93	2	4	4	2.5	DMI	DT	No	Yes	64-bit	No	Yes	Yes	No	No	No	Q1'10	73 W	\$113.00
Intel® Core™ i7 Mobile Processor Extreme Edition	i7-940XM	283716	4539	67	Clarksfield	2.13	3.33	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	55 W	\$1096.00
Intel® Core™ i7 Mobile Processor Extreme Edition	i7-920XM	256000	4096	64	Clarksfield	2	3.2	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	55 W	\$1054.00
Intel® Core™ i7 Mobile Processor	i7-840QM	238080	3809	64	Clarksfield	1.86	3.2	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	45 W	\$568.00
Intel® Core™ i7 Mobile Processor	i7-820QM	211752	3388	61	Clarksfield	1.73	3.06	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	45 W	\$546.00
Intel® Core™ i7 Mobile Processor	i7-740QM	152067	2433	44	Clarksfield	1.73	2.93	4	8	6	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	45 W	\$378.00
Intel® Core™ i7 Mobile Processor	i7-720QM	134400	2150	42	Clarksfield	1.6	2.8	4	8	6	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	45 W	\$364.00
Intel® Core™ i5 Mobile Processor	i5-450M	45965	735	38	Arrandale	2.4	2.66	2	4	3	4.8	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q2'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-620M	44329	709	33	Arrandale	2.66	3.333	2	4	4	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$332.00
Intel® Core™ i3 Mobile Processor	i3-370M	41472	664	35	Arrandale	2.4	2.4	2	4	3	4.8	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q3'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-610E	40480	648	32	Arrandale	2.53	3.2	2	4	4	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-640LM	31236	500	29	Arrandale	2.13	2.933	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	\$332.00
Intel® Core™ i5 Mobile Processor	i5-540M	29089	465	23	Arrandale	2.53	3.066	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$257.00
Intel® Core™ i7 Mobile Processor	i7-620LE	28000	448	28	Arrandale	2	2.8	2	4	4	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	
Intel® Core™ i7 Mobile Processor	i7-620LM	28000	448	28	Arrandale	2	2.8	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	\$300.00
Intel® Core™ i5 Mobile Processor	i5-520E	26397	422	22	Arrandale	2.4	2.933	2	4	3	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	
Intel® Core™ i5 Mobile Processor	i5-520M	26397	422	22	Arrandale	2.4	2.933	2	4	3	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$225.00
Intel® Core™ i5 Mobile Processor	i5-430M	21442	343	19	Arrandale	2.26	2.53	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-350M	19154	306	17	Arrandale	2.26	2.26	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330M	17013	272	16	Arrandale	2.13	2.13	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330E	17013	272	16	Arrandale	2.13	2.13	2	4	3	2.5	DMI	MBL	Yes	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-660UM	15960	255	24	Arrandale	1.33	2.4	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	18 W	\$317.00
Intel® Core™ i7 Mobile Processor	i7-640UM	13596	218	23	Arrandale	1.2	2.266	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$305.00
Intel® Core™ i7 Mobile Processor	i7-620UM	11305	181	21	Arrandale	1.06	2.133	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$278.00
Intel® Core™ i7 Mobile Processor	i7-620UE	11289	181	21	Arrandale	1.06	2.13	2	4	4	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	
Intel® Core™ i5 Mobile Processor	i5-540UM	9000	144	15	Arrandale	1.2	2	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	18 W	\$250.00
Intel® Core™ i5 Mobile Processor	i5-430UM	7785	125	13	Arrandale	1.2	1.73	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q2'10	18 W	
Intel® Core™ i5 Mobile Processor	i5-520UM	7459	119	14	Arrandale	1.066	1.866	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$241.00
Intel® Core™ i3 Mobile Processor	i3-330UM	5400	86	9	Arrandale	1.2	1.2	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q2'10	18 W	

ALL (Current) "i" CPUs (Desktop)

Family	Number	Perf (Hybrid)	Perf (Synth)	Perf (Single)	Code Name	Clock (Ghz)	Turbo (Ghz)	Cores	Threads	Cache (MB)	System Bus (GT/s)	Bus Type	Segment	Embeddable	iGPU	Set	TBT	VT-x	VT-d	EIST	AES-NI	TXT	Launch Date	Max TDP	1ku Price
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-980X	4143053	66289	276	Gulftown	3.33	3.6	6	12	12	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Q1'10	130 W	\$999.00	
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-975	1227571	19641	184	Bloomfield	3.33	3.6	4	8	8	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q2'09	130 W	\$999.00	
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-965	1133773	18140	177	Bloomfield	3.2	3.46	4	8	8	6.4	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q4'08	130 W	\$999.00	
Intel® Core™ i7 Desktop Processor	i7-960	850330	13605	133	Bloomfield	3.2	3.46	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q4'09	130 W	\$562.00	
Intel® Core™ i7 Desktop Processor	i7-950	782577	12521	128	Bloomfield	3.06	3.33	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q2'09	130 W	\$562.00	
Intel® Core™ i7 Desktop Processor	i7-940	720077	11521	123	Bloomfield	2.93	3.2	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q4'08	130 W	\$562.00	
Intel® Core™ i7 Desktop Processor	i7-930	658022	10528	118	Bloomfield	2.8	3.06	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q1'10	130 W	\$294.00	
Intel® Core™ i7 Desktop Processor	i7-920	598564	9577	113	Bloomfield	2.66	2.93	4	8	8	4.8	QPI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q4'08	130 W	\$284.00	
Intel® Core™ i7 Desktop Processor	i7-880	456552	7305	75	Lynnfield	3.06	3.73	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q2'10	95 W	\$583.00
Intel® Core™ i7 Desktop Processor	i7-875K	421920	6751	72	Lynnfield	2.93	3.6	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q2'10	95 W	\$342.00	
Intel® Core™ i7 Desktop Processor	i7-870	421920	6751	72	Lynnfield	2.93	3.6	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	95 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-860	387520	6200	69	Lynnfield	2.8	3.46	4	8	8	2.5	DMI	DT	Yes	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	95 W	\$284.00
Intel® Core™ i7 Desktop Processor	i7-860S	350152	5602	69	Lynnfield	2.53	3.46	4	8	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q1'10	82 W	\$337.00
Intel® Core™ i5 Desktop Processor	i5-750	170240	2724	64	Lynnfield	2.66	3.2	4	4	8	2.5	DMI	DT	Yes	No	64-bit	Yes	Yes	Yes	No	No	Q3'09	95 W	\$196.00	
Intel® Core™ i5 Desktop Processor	i5-750S	153600	2458	64	Lynnfield	2.4	3.2	4	4	8	2.5	DMI	DT	No	No	64-bit	Yes	Yes	Yes	No	No	Q1'10	82 W	\$259.00	
Intel® Core™ i5 Desktop Processor	i5-680	69480	1112	39	Clarkdale	3.6	3.86	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	73 W	\$294.00
Intel® Core™ i5 Desktop Processor	i5-670	64529	1032	37	Clarkdale	3.46	3.73	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$284.00
Intel® Core™ i5 Desktop Processor	i5-660	59940	959	36	Clarkdale	3.33	3.6	2	4	4	2.5	DMI	DT	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-661	59940	959	36	Clarkdale	3.33	3.6	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	No	Q1'10	87 W	\$196.00	
Intel® Core™ i5 Desktop Processor	i5-655K	55360	886	35	Clarkdale	3.2	3.46	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	No	Q2'10	73 W	\$216.00	
Intel® Core™ i5 Desktop Processor	i5-650	55360	886	35	Clarkdale	3.2	3.46	2	4	4	2.5	DMI	DT	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$176.00
Intel® Core™ i3 Desktop Processor	i3-550	51200	819	32	Clarkdale	3.2	3.2	2	4	4	2.5	DMI	DT	No	Yes	64-bit	No	Yes	Yes	No	No	Q2'10	73 W	\$138.00	
Intel® Core™ i3 Desktop Processor	i3-540	46818	749	31	Clarkdale	3.06	3.06	2	4	4	2.5	DMI	DT	Yes	Yes	64-bit	No	Yes	Yes	No	No	Q1'10	73 W	\$133.00	
Intel® Core™ i3 Desktop Processor	i3-530	42925	687	29	Clarkdale	2.93	2.93	2	4	4	2.5	DMI	DT	No	Yes	64-bit	No	Yes	Yes	No	No	Q1'10	73 W	\$113.00	

ALL (Current) "i" CPUs (Mobile)

Family	Number	Perf (Hybrid)	Perf (Synth)	Perf (Single)	Code Name	Clock (Ghz)	Turbo (Ghz)	Cores	Threads	Cache (MB)	System Bus (GT/s)	Bus Type	Segment	Embedable	iGPU	Set	TBT	VT-x	VT-d	EIST	AES-NI	TXT	Launch Date	Max TDP	1ku Price
Intel® Core™ i7 Mobile Processor Extreme Edition	i7-940XM	283716	4539	67	Clarksfield	2.13	3.33	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	55 W	\$1096.00
Intel® Core™ i7 Mobile Processor Extreme Edition	i7-920XM	256000	4096	64	Clarksfield	2	3.2	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	55 W	\$1054.00
Intel® Core™ i7 Mobile Processor	i7-840QM	238080	3809	64	Clarksfield	1.86	3.2	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	45 W	\$568.00
Intel® Core™ i7 Mobile Processor	i7-820QM	211752	3388	61	Clarksfield	1.73	3.06	4	8	8	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	45 W	\$546.00
Intel® Core™ i7 Mobile Processor	i7-740QM	152067	2433	44	Clarksfield	1.73	2.93	4	8	6	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	45 W	\$378.00
Intel® Core™ i7 Mobile Processor	i7-720QM	134400	2150	42	Clarksfield	1.6	2.8	4	8	6	2.5	DMI	MBL	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	45 W	\$364.00
Intel® Core™ i5 Mobile Processor	i5-450M	45965	735	38	Arrandale	2.4	2.66	2	4	3	4.8	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q2'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-620M	44329	709	33	Arrandale	2.66	3.333	2	4	4	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$332.00
Intel® Core™ i3 Mobile Processor	i3-370M	41472	664	35	Arrandale	2.4	2.4	2	4	3	4.8	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q3'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-610E	40480	648	32	Arrandale	2.53	3.2	2	4	4	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-640LM	31236	500	29	Arrandale	2.13	2.933	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	\$332.00
Intel® Core™ i5 Mobile Processor	i5-540M	29089	465	23	Arrandale	2.53	3.066	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$257.00
Intel® Core™ i7 Mobile Processor	i7-620LE	28000	448	28	Arrandale	2	2.8	2	4	4	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	
Intel® Core™ i7 Mobile Processor	i7-620LM	28000	448	28	Arrandale	2	2.8	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	\$300.00
Intel® Core™ i5 Mobile Processor	i5-520E	26397	422	22	Arrandale	2.4	2.933	2	4	3	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	
Intel® Core™ i5 Mobile Processor	i5-520M	26397	422	22	Arrandale	2.4	2.933	2	4	3	2.5	DMI	MBL	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$225.00
Intel® Core™ i5 Mobile Processor	i5-430M	21442	343	19	Arrandale	2.26	2.53	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-350M	19154	306	17	Arrandale	2.26	2.26	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330M	17013	272	16	Arrandale	2.13	2.13	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330E	17013	272	16	Arrandale	2.13	2.13	2	4	3	2.5	DMI	MBL	Yes	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-660UM	15960	255	24	Arrandale	1.33	2.4	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	18 W	\$317.00
Intel® Core™ i7 Mobile Processor	i7-640UM	13596	218	23	Arrandale	1.2	2.266	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$305.00
Intel® Core™ i7 Mobile Processor	i7-620UM	11305	181	21	Arrandale	1.06	2.133	2	4	4	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$278.00
Intel® Core™ i7 Mobile Processor	i7-620UE	11289	181	21	Arrandale	1.06	2.13	2	4	4	2.5	DMI	EMB	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	
Intel® Core™ i5 Mobile Processor	i5-540UM	9000	144	15	Arrandale	1.2	2	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	18 W	\$250.00
Intel® Core™ i5 Mobile Processor	i5-430UM	7785	125	13	Arrandale	1.2	1.73	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q2'10	18 W	
Intel® Core™ i5 Mobile Processor	i5-520UM	7459	119	14	Arrandale	1.066	1.866	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$241.00
Intel® Core™ i3 Mobile Processor	i3-330UM	5400	86	9	Arrandale	1.2	1.2	2	4	3	2.5	DMI	MBL	No	Yes	64-bit	No	Yes	No	Yes	No	No	Q2'10	18 W	

ALL (Current) "i" CPUs (Raw Data)

Family	Number	Code Name	Clock (Ghz)	Turbo (Ghz)	Cores	Threads	Cache (MB)	System Bus (GT/s)	Bus Type	Segment	Embedable	iGPU	Set	TBT	VT-x	VT-d	EIST	AES-NI	TXT	Launch Date	Max TDP	1ku Price
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-980X	Gulftown	3.33	3.6	6	12	12	6.4 QPI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q1'10	130 W	\$999.00
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-975	Bloomfield	3.33	3.6	4	8	8	6.4 QPI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q2'09	130 W	\$999.00
Intel® Core™ i7 Desktop Processor Extreme Edition	i7-965	Bloomfield	3.2	3.46	4	8	8	6.4 QPI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q4'08	130 W	\$999.00
Intel® Core™ i7 Desktop Processor	i7-875K	Lynnfield	2.93	3.6	4	8	8	2.5 DMI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q2'10	95 W	\$342.00
Intel® Core™ i7 Desktop Processor	i7-880	Lynnfield	3.06	3.73	4	8	8	2.5 DMI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q2'10	95 W	\$583.00
Intel® Core™ i7 Desktop Processor	i7-860S	Lynnfield	2.53	3.46	4	8	8	2.5 DMI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q1'10	82 W	\$337.00
Intel® Core™ i7 Desktop Processor	i7-960	Bloomfield	3.2	3.46	4	8	8	4.8 QPI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q4'09	130 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-860	Lynnfield	2.8	3.46	4	8	8	2.5 DMI	DT	Yes	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	95 W	\$284.00
Intel® Core™ i7 Desktop Processor	i7-870	Lynnfield	2.93	3.6	4	8	8	2.5 DMI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	95 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-950	Bloomfield	3.06	3.33	4	8	8	4.8 QPI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q2'09	130 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-920	Bloomfield	2.66	2.93	4	8	8	4.8 QPI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q4'08	130 W	\$284.00
Intel® Core™ i7 Desktop Processor	i7-940	Bloomfield	2.93	3.2	4	8	8	4.8 QPI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q4'08	130 W	\$562.00
Intel® Core™ i7 Desktop Processor	i7-930	Bloomfield	2.8	3.06	4	8	8	4.8 QPI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q1'10	130 W	\$294.00
Intel® Core™ i5 Desktop Processor	i5-655K	Clarkdale	3.2	3.46	2	4	4	2.5 DMI	DT	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	No	Q2'10	73 W	\$216.00
Intel® Core™ i5 Desktop Processor	i5-650	Clarkdale	3.2	3.46	2	4	4	2.5 DMI	DT	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$176.00
Intel® Core™ i5 Desktop Processor	i5-660	Clarkdale	3.33	3.6	2	4	4	2.5 DMI	DT	Yes	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-661	Clarkdale	3.33	3.6	2	4	4	2.5 DMI	DT	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	No	Q1'10	87 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-750S	Lynnfield	2.4	3.2	4	4	8	2.5 DMI	DT	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	No	Q1'10	82 W	\$259.00
Intel® Core™ i5 Desktop Processor	i5-670	Clarkdale	3.46	3.73	2	4	4	2.5 DMI	DT	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	73 W	\$284.00
Intel® Core™ i5 Desktop Processor	i5-750	Lynnfield	2.66	3.2	4	4	8	2.5 DMI	DT	Yes	No	No	64-bit	Yes	Yes	Yes	Yes	Yes	No	Q3'09	95 W	\$196.00
Intel® Core™ i5 Desktop Processor	i5-680	Clarkdale	3.6	3.86	2	4	4	2.5 DMI	DT	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	73 W	\$294.00
Intel® Core™ i3 Desktop Processor	i3-550	Clarkdale	3.2	3.2	2	4	4	2.5 DMI	DT	No	Yes	Yes	64-bit	No	Yes	Yes	Yes	No	No	Q2'10	73 W	\$138.00
Intel® Core™ i3 Desktop Processor	i3-530	Clarkdale	2.93	2.93	2	4	4	2.5 DMI	DT	No	Yes	Yes	64-bit	No	Yes	Yes	Yes	No	No	Q1'10	73 W	\$113.00
Intel® Core™ i3 Desktop Processor	i3-540	Clarkdale	3.06	3.06	2	4	4	2.5 DMI	DT	Yes	Yes	Yes	64-bit	No	Yes	Yes	Yes	No	No	Q1'10	73 W	\$133.00
Intel® Core™ i7 Mobile Processor Extreme Edition	i7-920XM	Clarksfield	2	3.2	4	8	8	2.5 DMI	MBL	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	55 W	\$1054.00
Intel® Core™ i7 Mobile Processor Extreme Edition	i7-940XM	Clarksfield	2.13	3.33	4	8	8	2.5 DMI	MBL	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	55 W	\$1096.00
Intel® Core™ i7 Mobile Processor	i7-660UM	Arrandale	1.33	2.4	2	4	4	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	18 W	\$317.00
Intel® Core™ i7 Mobile Processor	i7-620LE	Arrandale	2	2.8	2	4	4	2.5 DMI	EMB	Yes	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	
Intel® Core™ i7 Mobile Processor	i7-620UE	Arrandale	1.06	2.13	2	4	4	2.5 DMI	EMB	Yes	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	
Intel® Core™ i7 Mobile Processor	i7-610E	Arrandale	2.53	3.2	2	4	4	2.5 DMI	MBL	Yes	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	
Intel® Core™ i7 Mobile Processor	i7-620UM	Arrandale	1.06	2.133	2	4	4	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$278.00
Intel® Core™ i7 Mobile Processor	i7-620LM	Arrandale	2	2.8	2	4	4	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	\$300.00
Intel® Core™ i7 Mobile Processor	i7-640UM	Arrandale	1.2	2.266	2	4	4	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$305.00
Intel® Core™ i7 Mobile Processor	i7-620M	Arrandale	2.66	3.333	2	4	4	2.5 DMI	MBL	Yes	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$332.00
Intel® Core™ i7 Mobile Processor	i7-640LM	Arrandale	2.13	2.933	2	4	4	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	25 W	\$332.00
Intel® Core™ i7 Mobile Processor	i7-720QM	Clarksfield	1.6	2.8	4	8	6	2.5 DMI	MBL	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	45 W	\$364.00
Intel® Core™ i7 Mobile Processor	i7-820QM	Clarksfield	1.73	3.06	4	8	8	2.5 DMI	MBL	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'09	45 W	\$546.00
Intel® Core™ i7 Mobile Processor	i7-740QM	Clarksfield	1.73	2.93	4	8	6	2.5 DMI	MBL	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	45 W	\$378.00
Intel® Core™ i7 Mobile Processor	i7-840QM	Clarksfield	1.86	3.2	4	8	8	2.5 DMI	MBL	No	No	No	64-bit	Yes	Yes	Yes	Yes	No	Yes	Q3'10	45 W	\$568.00
Intel® Core™ i5 Mobile Processor	i5-430UM	Arrandale	1.2	1.73	2	4	3	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q2'10	18 W	
Intel® Core™ i5 Mobile Processor	i5-540UM	Arrandale	1.2	2	2	4	3	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q2'10	18 W	\$250.00
Intel® Core™ i5 Mobile Processor	i5-520E	Arrandale	2.4	2.933	2	4	3	2.5 DMI	EMB	Yes	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	
Intel® Core™ i5 Mobile Processor	i5-520M	Arrandale	2.4	2.933	2	4	3	2.5 DMI	MBL	Yes	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$225.00
Intel® Core™ i5 Mobile Processor	i5-520UM	Arrandale	1.066	1.866	2	4	3	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	18 W	\$241.00
Intel® Core™ i5 Mobile Processor	i5-540M	Arrandale	2.53	3.066	2	4	3	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	Yes	Yes	Yes	Yes	Q1'10	35 W	\$257.00
Intel® Core™ i5 Mobile Processor	i5-430M	Arrandale	2.26	2.53	2	4	3	2.5 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i5 Mobile Processor	i5-450M	Arrandale	2.4	2.66	2	4	3	4.8 DMI	MBL	No	Yes	Yes	64-bit	Yes	Yes	No	Yes	No	No	Q2'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330UM	Arrandale	1.2	1.2	2	4	3	2.5 DMI	MBL	No	Yes	Yes	64-bit	No	Yes	No	Yes	No	No	Q2'10	18 W	
Intel® Core™ i3 Mobile Processor	i3-350M	Arrandale	2.26	2.26	2	4	3	2.5 DMI	MBL	No	Yes	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330M	Arrandale	2.13	2.13	2	4	3	2.5 DMI	MBL	No	Yes	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-330E	Arrandale	2.13	2.13	2	4	3	2.5 DMI	MBL	Yes	Yes	Yes	64-bit	No	Yes	No	Yes	No	No	Q1'10	35 W	
Intel® Core™ i3 Mobile Processor	i3-370M	Arrandale	2.4	2.4	2	4	3	4.8 DMI	MBL	No	Yes	Yes	64-bit	No	Yes	No	Yes	No	No	Q3'10	35 W	