Performance Comparison: All Apple May, 2011 iMacs and July, 2011, MacBook Air 1.6GHz Dual i5 11” 64GB - MacReviewZone.com

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Below we compare the performance of the all the currently shipping May, 2011 iMac computers and the July, 2011, MacBook Air 1.6GHz Dual i5 11” 64GB

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Machine	Power Fractal Seconds	Processor Performance
21.5 Inch iMac 2.5GHz Quad i5	550.9	100%
21.5 Inch iMac 2.7GHz Quad i5	511.6	108%
21.5 Inch iMac 2.8GHz Quad i7	385.2	143%
27 Inch iMac 2.7GHz Quad i5	512.5	107%
27 Inch iMac 3.1GHz Quad i5	447.6	123%
27 Inch iMac 3.4GHz Quad i7	317.9	173%
MacBook Air 1.6GHz Dual i5 11” 64GB	1108.6	50%

Machine	CineBench Graphics	Graphics Performance
21.5 Inch iMac 2.5GHz Quad i5	36.2	100%
21.5 Inch iMac 2.7GHz Quad i5	40.4	112%
21.5 Inch iMac 2.8GHz Quad i7	41.8	115%
27 Inch iMac 2.7GHz Quad i5	40.3	111%
27 Inch iMac 3.1GHz Quad i5	37.8	104%
27 Inch iMac 3.4GHz Quad i7	40.2	111%
MacBook Air 1.6GHz Dual i5 11” 64GB	10.2	28%

Machine	Quake 2 FPS	Graphics Games
21.5 Inch iMac 2.5GHz Quad i5	177.8	100%
21.5 Inch iMac 2.7GHz Quad i5	199.2	112%
21.5 Inch iMac 2.8GHz Quad i7	209.8	118%
27 Inch iMac 2.7GHz Quad i5	200.8	113%
27 Inch iMac 3.1GHz Quad i5	189.2	106%
27 Inch iMac 3.4GHz Quad i7	199.8	112%
MacBook Air 1.6GHz Dual i5 11” 64GB	69.1	39%

Machine	Copy Folder Seconds	Copy Multi-File
21.5 Inch iMac 2.5GHz Quad i5	185	100%
21.5 Inch iMac 2.7GHz Quad i5	115	161%
21.5 Inch iMac 2.8GHz Quad i7	123	150%
27 Inch iMac 2.7GHz Quad i5	181.7	102%
27 Inch iMac 3.1GHz Quad i5	180.2	103%
27 Inch iMac 3.4GHz Quad i7	180	103%
MacBook Air 1.6GHz Dual i5 11” 64GB	161.2	115%

Machine	Copy File Seconds	Copy Single Large File
21.5 Inch iMac 2.5GHz Quad i5	137.9	100%
21.5 Inch iMac 2.7GHz Quad i5	108.7	127%
21.5 Inch iMac 2.8GHz Quad i7	112.8	122%
27 Inch iMac 2.7GHz Quad i5	153.1	90%
27 Inch iMac 3.1GHz Quad i5	125.4	110%
27 Inch iMac 3.4GHz Quad i7	125	110%
MacBook Air 1.6GHz Dual i5 11” 64GB	66.3	208%

Machine	Photoshop Seconds	Processor Intensive Action
21.5 Inch iMac 2.5GHz Quad i5	277.1	100%
21.5 Inch iMac 2.7GHz Quad i5	258.7	107%
21.5 Inch iMac 2.8GHz Quad i7	233.1	119%
27 Inch iMac 2.7GHz Quad i5	259.9	107%
27 Inch iMac 3.1GHz Quad i5	233.2	119%
27 Inch iMac 3.4GHz Quad i7	200.5	138%
MacBook Air 1.6GHz Dual i5 11” 64GB	731.6	38%

Machine	iMovie Import Seconds	Disk Intensive Action
21.5 Inch iMac 2.5GHz Quad i5	80.8	100%
21.5 Inch iMac 2.7GHz Quad i5	71.8	113%
21.5 Inch iMac 2.8GHz Quad i7	75.2	107%
27 Inch iMac 2.7GHz Quad i5	73.3	110%
27 Inch iMac 3.1GHz Quad i5	70.7	114%
27 Inch iMac 3.4GHz Quad i7	68.5	118%
MacBook Air 1.6GHz Dual i5 11” 64GB	95.2	85%

Machine	QuickTime Export Seconds	Processor Intensive Action
21.5 Inch iMac 2.5GHz Quad i5	958.3	100%
21.5 Inch iMac 2.7GHz Quad i5	886.6	108%
21.5 Inch iMac 2.8GHz Quad i7	683.5	140%
27 Inch iMac 2.7GHz Quad i5	901.6	106%
27 Inch iMac 3.1GHz Quad i5	815.4	118%
27 Inch iMac 3.4GHz Quad i7	579.2	165%
MacBook Air 1.6GHz Dual i5 11” 64GB	1814	53%

Machine	CineBench CPU Points	Processor Intensive Action
21.5 Inch iMac 2.5GHz Quad i5	3.93	100%
21.5 Inch iMac 2.7GHz Quad i5	4.24	108%
21.5 Inch iMac 2.8GHz Quad i7	5.66	144%
27 Inch iMac 2.7GHz Quad i5	4.24	108%
27 Inch iMac 3.1GHz Quad i5	4.83	123%
27 Inch iMac 3.4GHz Quad i7	6.82	174%
MacBook Air 1.6GHz Dual i5 11” 64GB	1.93	49%

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All Apple May, 2011 iMac Computers and July, 2011, MacBook Air 1.6GHz Dual i5 11” 64GB

Machine	Processor Type	Cache Amount
21.5 Inch iMac 2.5GHz Quad i5	Quad-core Intel Core i5	6MB shared L3 cache
21.5 Inch iMac 2.7GHz Quad i5	Quad-core Intel Core i5	6MB shared L3 cache
21.5 Inch iMac 2.8GHz Quad i7	Quad-core Intel Core i7	8MB shared L3 cache
27 Inch iMac 2.7GHz Quad i5	Quad-core Intel Core i5	6MB shared L3 cache
27 Inch iMac 3.1GHz Quad i5	Quad-core Intel Core i5	6MB shared L3 cache
27 Inch iMac 3.4GHz Quad i7	Quad-core Intel Core i7	8MB shared L3 cache
MacBook Air 1.6GHz Dual i5 11” 64GB	Dual-core Intel Core i5	3MB shared L3 cache
Machine	**Memory Amount**	**Drive Size**
21.5 Inch iMac 2.5GHz	4GB	500GB Rotational Drive
21.5 Inch iMac 2.7GHz	4GB	1000GB Rotational Drive
21.5 Inch iMac 2.8GHz	4GB	1000GB Rotational Drive
27 Inch iMac 2.7GHz	4GB	1000GB Rotational Drive
27 Inch iMac 3.1GHz	4GB	1000GB Rotational Drive
27 Inch iMac 3.4GHz	4GB	1000GB Rotational Drive
MacBook Air 1.6GHz Dual i5 11” 64GB	2GB	64GB of flash storage
Machine	**Graphics Card**	**Graphics Memory**
21.5 Inch iMac 2.5GHz	AMD Radeon HD 6750M	512MB
21.5 Inch iMac 2.7GHz	AMD Radeon HD 6770M	512MB
21.5 Inch iMac 2.8GHz	AMD Radeon HD 6770M	512MB
27 Inch iMac 2.7GHz	AMD Radeon HD 6770M	512MB
27 Inch iMac 3.1GHz	AMD Radeon HD 6970M	1GB
27 Inch iMac 3.4GHz	AMD Radeon HD 6970M	1GB
MacBook Air 1.6GHz Dual i5 11” 64GB	Intel HD Graphics 3000	256MB
Machine	**Machine Part Number**	**MSR Price**
21.5 Inch iMac 2.5GHz	MC309LL/A	$1,199
21.5 Inch iMac 2.7GHz	MC812LL/A	$1,499
21.5 Inch iMac 2.8GHz	Z0M5	$1,699
27 Inch iMac 2.7GHz	MC813LL/A	$1,699
27 Inch iMac 3.1GHz	MC814LL/A	$1,999
27 Inch iMac 3.4GHz	Z0M7	$2,199
MacBook Air 1.6GHz Dual i5 11” 64GB	MC968LL/A	$999

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