

Performance Comparison Between All May, 2011 Apple iMacs

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Below we compare the performance of the all the currently shipping May, 2011 iMac computers.

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Machine	Power Fractal Seconds	Processor Performance
21.5 Inch iMac 2.5GHz	550.9	100%
21.5 Inch iMac 2.7GHz	511.6	108%
21.5 Inch iMac 2.8GHz	385.2	143%
27 Inch iMac 2.7GHz	512.5	107%
27 Inch iMac 3.1GHz	447.6	123%
27 Inch iMac 3.4GHz	317.9	173%

Machine	CineBench Graphics	Graphics Performance
21.5 Inch iMac 2.5GHz	36.2	100%
21.5 Inch iMac 2.7GHz	40.4	112%
21.5 Inch iMac 2.8GHz	41.8	115%
27 Inch iMac 2.7GHz	40.3	111%
27 Inch iMac 3.1GHz	37.8	104%
27 Inch iMac 3.4GHz	40.2	111%

Machine	Quake 2 FPS	Graphics Games
21.5 Inch iMac 2.5GHz	177.8	100%
21.5 Inch iMac 2.7GHz	199.2	112%
21.5 Inch iMac 2.8GHz	209.8	118%
27 Inch iMac 2.7GHz	200.8	113%
27 Inch iMac 3.1GHz	189.2	106%
27 Inch iMac 3.4GHz	199.8	112%

Machine	Copy Folder Seconds	Copy Multi-File
21.5 Inch iMac 2.5GHz	185	100%
21.5 Inch iMac 2.7GHz	115	161%
21.5 Inch iMac 2.8GHz	123	150%
27 Inch iMac 2.7GHz	181.7	102%
27 Inch iMac 3.1GHz	180.2	103%
27 Inch iMac 3.4GHz	180	103%

Machine	Copy File Seconds	Copy Single Large File
21.5 Inch iMac 2.5GHz	137.9	100%
21.5 Inch iMac 2.7GHz	108.7	127%
21.5 Inch iMac 2.8GHz	112.8	122%
27 Inch iMac 2.7GHz	153.1	90%
27 Inch iMac 3.1GHz	125.4	110%
27 Inch iMac 3.4GHz	125	110%

Machine	Photoshop Seconds	Processor Intensive Action
21.5 Inch iMac 2.5GHz	277.1	100%
21.5 Inch iMac 2.7GHz	258.7	107%
21.5 Inch iMac 2.8GHz	233.1	119%
27 Inch iMac 2.7GHz	259.9	107%
27 Inch iMac 3.1GHz	233.2	119%
27 Inch iMac 3.4GHz	200.5	138%

Machine	iMovie Import Seconds	Disk Intensive Action
21.5 Inch iMac 2.5GHz	80.8	100%
21.5 Inch iMac 2.7GHz	71.8	113%
21.5 Inch iMac 2.8GHz	75.2	107%
27 Inch iMac 2.7GHz	73.3	110%
27 Inch iMac 3.1GHz	70.7	114%
27 Inch iMac 3.4GHz	68.5	118%

Machine	QuickTime Export Seconds	Processor Intensive Action
21.5 Inch iMac 2.5GHz	958.3	100%
21.5 Inch iMac 2.7GHz	886.6	108%
21.5 Inch iMac 2.8GHz	683.5	140%
27 Inch iMac 2.7GHz	901.6	106%
27 Inch iMac 3.1GHz	815.4	118%
27 Inch iMac 3.4GHz	579.2	165%

Machine	CineBench CPU Points	Processor Intensive Action
21.5 Inch iMac 2.5GHz	3.93	100%
21.5 Inch iMac 2.7GHz	4.24	108%
21.5 Inch iMac 2.8GHz	5.66	144%
27 Inch iMac 2.7GHz	4.24	108%
27 Inch iMac 3.1GHz	4.83	123%
27 Inch iMac 3.4GHz	6.82	174%

Machine	iDVD Import Seconds	Processor Intensive Action
21.5 Inch iMac 2.5GHz	67.9	100%
21.5 Inch iMac 2.7GHz	64.9	105%
21.5 Inch iMac 2.8GHz	59.8	114%
27 Inch iMac 2.7GHz	62.4	109%
27 Inch iMac 3.1GHz	58.2	117%
27 Inch iMac 3.4GHz	54.4	125%

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All Apple May, 2011 iMac Computers

Machine	Processor Type	Cache Amount
21.5 Inch iMac 2.5GHz	Quad-core Intel Core i5	6MB shared L3 cache
21.5 Inch iMac 2.7GHz	Quad-core Intel Core i5	6MB shared L3 cache
21.5 Inch iMac 2.8GHz	Quad-core Intel Core i7	8MB shared L3 cache
27 Inch iMac 2.7GHz	Quad-core Intel Core i5	6MB shared L3 cache
27 Inch iMac 3.1GHz	Quad-core Intel Core i5	6MB shared L3 cache
27 Inch iMac 3.4GHz	Quad-core Intel Core i7	8MB 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

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

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

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