Performance Comparison Between 2011 13 Inch MacBook Airs & 15 Inch MacBook Pros

Thursday, December 15, 2011

Machine	Power Fractal Seconds	Processor Performance
MacBook Air 1.6GHz 11" 64GB	1108.6	100%
MacBook Air 1.6GHz 11" 128GB	1106.6	100%
MacBook Air 1.7GHz 13" 128GB	970	114%
MacBook Air 1.7GHz 13" 256GB	973.6	114%
MacBook Air 1.8GHz 11"	874.7	127%
MacBook Air 1.8GHz 13"	876	127%
15 Inch Macbook Pro Quad Core 2.2GHz	485.8	228%
15 Inch Macbook Pro Quad Core 2.4GHz	414.4	268%
15 Inch Macbook Pro Quad Core 2.5GHz	406.2	273%

Machine	CineBench Graphics Points	Graphics Performance
MacBook Air 1.6GHz 11" 64GB	10.2	100%
MacBook Air 1.6GHz 11" 128GB	10.3	101%
MacBook Air 1.7GHz 13" 128GB	10.7	105%
MacBook Air 1.7GHz 13" 256GB	10.8	106%
MacBook Air 1.8GHz 11"	10.4	102%
MacBook Air 1.8GHz 13"	11	108%
15 Inch Macbook Pro Quad Core 2.2GHz	18.7	183%
15 Inch Macbook Pro Quad Core 2.4GHz	35.1	344%
15 Inch Macbook Pro Quad Core 2.5GHz	35.6	349%

Machine	Quake 2 FPS	Graphics Games
MacBook Air 1.6GHz 11" 64GB	69.1	100%
MacBook Air 1.6GHz 11" 128GB	68.4	99%
MacBook Air 1.7GHz 13" 128GB	76	110%
MacBook Air 1.7GHz 13" 256GB	77.7	112%
MacBook Air 1.8GHz 11"	69.1	100%
MacBook Air 1.8GHz 13"	78	113%
15 Inch Macbook Pro Quad Core 2.2GHz	96.6	140%
15 Inch Macbook Pro Quad Core 2.4GHz	189.6	274%
15 Inch Macbook Pro Quad Core 2.5GHz	195.2	282%

Machine	Copy Folder Seconds	Copy Multi-File
MacBook Air 1.6GHz 11" 64GB	161.2	100%
MacBook Air 1.6GHz 11" 128GB	162	100%
MacBook Air 1.7GHz 13" 128GB	155	104%
MacBook Air 1.7GHz 13" 256GB	131.5	123%
MacBook Air 1.8GHz 11"	124.4	130%
MacBook Air 1.8GHz 13"	119	135%
15 Inch Macbook Pro Quad Core 2.2GHz	168.5	96%
15 Inch Macbook Pro Quad Core 2.4GHz	109.1	148%
15 Inch Macbook Pro Quad Core 2.5GHz	115	140%

Machine	Copy File Seconds	Copy Single Large File
MacBook Air 1.6GHz 11" 64GB	66.3	100%
MacBook Air 1.6GHz 11" 128GB	81.8	81%
MacBook Air 1.7GHz 13" 128GB	77	86%
MacBook Air 1.7GHz 13" 256GB	73	91%
MacBook Air 1.8GHz 11"	85.9	77%
MacBook Air 1.8GHz 13"	81	82%
15 Inch Macbook Pro Quad Core 2.2GHz	211.1	31%
15 Inch Macbook Pro Quad Core 2.4GHz	140.5	47%
15 Inch Macbook Pro Quad Core 2.5GHz	160.4	41%

Machine	Photoshop Seconds	Processor Intensive Action
MacBook Air 1.6GHz 11" 64GB	731.6	100%
MacBook Air 1.6GHz 11" 128GB	605.9	121%
MacBook Air 1.7GHz 13" 128GB	588	124%
MacBook Air 1.7GHz 13" 256GB	578	127%
MacBook Air 1.8GHz 11"	480.7	152%
MacBook Air 1.8GHz 13"	477	153%
15 Inch Macbook Pro Quad Core 2.2GHz	274.8	266%
15 Inch Macbook Pro Quad Core 2.4GHz	239.1	306%
15 Inch Macbook Pro Quad Core 2.5GHz	233.5	313%

Machine	iMovie Import Seconds	Disk Intensive Action
MacBook Air 1.6GHz 11" 64GB	95.2	100%
MacBook Air 1.6GHz 11" 128GB	88	108%
MacBook Air 1.7GHz 13" 128GB	83	115%
MacBook Air 1.7GHz 13" 256GB	78.3	122%
MacBook Air 1.8GHz 11"	63.6	150%
MacBook Air 1.8GHz 13"	61	156%
15 Inch Macbook Pro Quad Core 2.2GHz	130.7	73%
15 Inch Macbook Pro Quad Core 2.4GHz	81.7	117%
15 Inch Macbook Pro Quad Core 2.5GHz	82.5	115%

Machine	QuickTime Export Seconds	Processor Intensive Action
MacBook Air 1.6GHz 11" 64GB	2239	100%
MacBook Air 1.6GHz 11" 128GB	2281.2	98%
MacBook Air 1.7GHz 13" 128GB	1978	113%
MacBook Air 1.7GHz 13" 256GB	1955.4	115%
MacBook Air 1.8GHz 11"	1846.1	121%
MacBook Air 1.8GHz 13"	1837	122%
15 Inch Macbook Pro Quad Core 2.2GHz	940.6	238%
15 Inch Macbook Pro Quad Core 2.4GHz	915.3	245%
15 Inch Macbook Pro Quad Core 2.5GHz	865.1	259%

Machine	CineBench CPU Points	Processor Intensive Action
MacBook Air 1.6GHz 11" 64GB	1.93	100%
MacBook Air 1.6GHz 11" 128GB	1.92	99%
MacBook Air 1.7GHz 13" 128GB	2.08	108%
MacBook Air 1.7GHz 13" 256GB	2.09	108%
MacBook Air 1.8GHz 11"	2.28	118%
MacBook Air 1.8GHz 13"	2.29	119%
15 Inch Macbook Pro Quad Core 2.2GHz	4.74	246%
15 Inch Macbook Pro Quad Core 2.4GHz	5.64	292%
15 Inch Macbook Pro Quad Core 2.5GHz	5.85	303%

Machine	iDVD Import Seconds	Processor Intensive Action
MacBook Air 1.6GHz 11" 64GB	115.5	100%
MacBook Air 1.6GHz 11" 128GB	111.3	104%
MacBook Air 1.7GHz 13" 128GB	102	113%
MacBook Air 1.7GHz 13" 256GB	99.2	116%
MacBook Air 1.8GHz 11"	92.2	125%
MacBook Air 1.8GHz 13"	90	128%
15 Inch Macbook Pro Quad Core 2.2GHz	73.5	157%
15 Inch Macbook Pro Quad Core 2.4GHz	60.8	190%
15 Inch Macbook Pro Quad Core 2.5GHz	57	203%

Request a Custom Comparison

15 Inch Apple 2011 MacBook Pros & MacBook Air Laptop Computers 13 Inch

Current Price Comparisons

Machine	Processor Type	Cache Amount
MacBook Air 1.6GHz 11" 64GB	Dual-core Intel Core i5	3MB shared L3 cache
MacBook Air 1.6GHz 11" 128GB	Dual-core Intel Core i5	3MB shared L3 cache
MacBook Air 1.7GHz 13" 128GB	Dual-core Intel Core i5	3MB shared L3 cache
MacBook Air 1.7GHz 13" 256GB	Dual-core Intel Core i5	3MB shared L3 cache
MacBook Air 1.8GHz 11"	Dual-core Intel Core i7	4MB shared L3 cache
MacBook Air 1.8GHz 13"	Dual-core Intel Core i7	4MB shared L3 cache
15 Inch Macbook Pro Quad Core 2.2GHz	Quad-core Intel Core i7	6MB shared L3 cache
15 Inch Macbook Pro Quad Core 2.4GHz	Quad-core Intel Core i7	6MB shared L3 cache
15 Inch Macbook Pro Quad Core 2.5GHz	Quad-core Intel Core i7	8MB shared L3 cache
Machine	**Memory Amount**	**Drive Size**
MacBook Air 1.6GHz 11" 64GB	2GB	64GB of flash storage
MacBook Air 1.6GHz 11" 128GB	4GB	128GB of flash storage
MacBook Air 1.7GHz 13" 128GB	4GB	128GB of flash storage
MacBook Air 1.7GHz 13" 256GB	4GB	256GB of flash storage
MacBook Air 1.8GHz 11"	4GB	128GB of flash storage
MacBook Air 1.8GHz 13"	4GB	256GB of flash storage
15 Inch Macbook Pro Quad Core 2.2GHz	4GB	500GB Rotational Drive
15 Inch Macbook Pro Quad Core 2.4GHz	4GB	750GB Rotational Drive
15 Inch Macbook Pro Quad Core 2.5GHz	4GB	750GB Rotational Drive
Machine	**Graphics Card**	**Graphics Memory**
MacBook Air 1.6GHz 11" 64GB	Intel HD Graphics 3000	256MB
MacBook Air 1.6GHz 11" 128GB	Intel HD Graphics 3000	384MB
MacBook Air 1.7GHz 13" 128GB	Intel HD Graphics 3000	384MB
MacBook Air 1.7GHz 13" 256GB	Intel HD Graphics 3000	384MB
MacBook Air 1.8GHz 11"	Intel HD Graphics 3000	384MB
MacBook Air 1.8GHz 13"	Intel HD Graphics 3000	384MB
15 Inch Macbook Pro Quad Core 2.2GHz	AMD Radeon HD 6750M	512MB
15 Inch Macbook Pro Quad Core 2.4GHz	AMD Radeon HD 6770M	1GB
15 Inch Macbook Pro Quad Core 2.5GHz	AMD Radeon HD 6770M	1GB
Machine	**Machine Part Number**	**MSR Price**
MacBook Air 1.6GHz 11" 64GB	MC968LL/A	$999
MacBook Air 1.6GHz 11" 128GB	MC969LL/A	$1,199
MacBook Air 1.7GHz 13" 128GB	MC965LL/A	$1,299
MacBook Air 1.7GHz 13" 256GB	MC966LL/A	$1,599
MacBook Air 1.8GHz 11"	Z0MG	$1,349
MacBook Air 1.8GHz 13"	Z0ME	$1,699
15 Inch Macbook Pro Quad Core 2.2GHz	MD318LL/A	$1,799
15 Inch Macbook Pro Quad Core 2.4GHz	MD322LL/A	$2,199
15 Inch Macbook Pro Quad Core 2.5GHz	Z0NM	$2,449