

# Tech Info Library

## TITLE

Hard Drive Matrix

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## TOPIC

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This article contains the Apple Hard Drive Matrix, listing (and identifying) all the various hard drive mechanisms used.

This matrix is also available as an Adobe Acrobat Reader document (.pdf file), and can be found in two places:

- o The Service Source CD contains the Hard Drive Matrix. From within the Service Source interface, click the Hardware tab along the upper edge of the window. Then click the Hard Drives tab along the left side of the window. You will then be presented with a link to the Hard Drive Matrix.
- o Service Source Online contains the Hard Drive Matrix. It is available for download, or can be viewed online in your browser. The file can be found in the Service Tools section of Service Source Online.

The Service Source Online URL is:

<http://service.info.apple.com/>

**Note:** Service Source Online is a secure site. You must have the current user name and password in order to gain access to the site. The current user name and password are included with the latest version of the Service Source CD.

## DISCUSSION

3.5-Inch SCSI Hard Drives						
Capacity	Size	Service Part No.	Vendor Model Name	Vendor	Vendor Part No.	Notes
350 MB	3.5	661-0182	Satsuma	IBM	DSAS-3360	
			Lightning	Quantum	LT36S01E	
			Trailblazer	Quantum	TR36S01E	
500 MB	3.5	661-0219	Thunderbolt	Quantum	TH50S011	
			Filepro 3	Conner	CFA540S	
			Lightning	Quantum	LT50S026	
			Satsuma	IBM	DSAS-3540	
			Trailblazer	Quantum	TR50S01E	
			Fireball	Quantum	FB54S01E	
500 MB	3.5	661-0974	Maverick	Quantum	MV54S01E	1
700 MB	3.5	661-0184				2
800 MB	3.5	661-1102	Trailblazer	Quantum	TR84S011	
1 GB	3.5	661-0228	Antigua	Conner	CFP1080S	
			Pegasus	IBM	DPES-31080	
			Fireball	Quantum	FB10S01E	

			Fireball II	Quantum	FB10S02E	
1.2 GB	3.5	661-1142	Fireball II	Quantum	FB12S02E	
			Tempest	Quantum	TM12S012	
2 GB	3.5	661-0180	Starfire	IBM	DFMS-32160	
			Hawk II LP	Seagate	ST32430N	
			Hawk II XL	Seagate	ST32151N	
			Tempest	Quantum	TM21S011	
			Stratus	Quantum	ST21S01E	
			Orion	IBM	DORS-32160	
2 GB	3.5	661-1076	Hawk II LP	Seagate	ST32430N	3
			Hawk II XL	Seagate	ST32151N	3
			Orion	IBM	DORS-32160	3
2 GB	3.5	661-0892	Barracuda	Seagate	ST12550N	
			Starfire	IBM	DFHS-32160	
			Capricorn	IBM	DCAS-32160	
			Barracuda 2LP	Seagate	ST32550N	
			Barracuda 4LP	Seagate	ST32171N	
2 GB	3.5	661-1518	Capricorn	IBM	DCAS-32160	
3 GB	3.5	661-1251	Tempest	Quantum	TM32S01F	
4 GB	3.5	661-1450	Stratus	Quantum	ST43S01E	
4 GB	3.5	661-0998	Capricorn	IBM	DCAS-34330	
			Barracuda 4LP	Seagate	ST34371N	4
4 GB	3.5	661-0951	Starfire	IBM	DFHS-34320	
			Barracuda 4LP	Seagate	ST34371N	5
			Barracuda 4	Seagate	ST15150N	

**Note 1:** Not for use in PM7xxx.  
**Note 2:** 661-0184 has been replaced by 661-1102.  
**Note 3:** Single segmented cache--these are AV drives. Even though the model numbers are the same, the drives have different firmware.  
**Note 4:** Firmware 0548 for WS7350 and PM9600.  
**Note 5:** Firmware 0548.

3.5-Inch Fast Wide SCSI Hard Drives						
Capacity	Size	Service Part No.	Vendor Model Name	Vendor	Vendor Part No.	Notes
2 GB	3.5	661-1178	Barracuda 2LP	Seagate	ST32550W	
			Barracuda 4LP	Seagate	ST32171W	
2 GB	3.5	661-0956	Starfire	IBM	DFHS-32160	
4 GB	3.5	661-1179	Barracuda 4	Seagate	ST15150W	1
4 GB	3.5	661-1087	Barracuda 4LP	Seagate	ST34371W	2
			Viking	Quantum	VK45W021	
4 GB	3.5	661-1436	Barracuda 4LP	Seagate	ST34371W	3
4 GB	3.5	661-0958	Starfire	IBM	DFHS-34320	1
4 GB	3.5	661-2050	Draco	IBM	DDRS-34560	
			Viking II	Quantum Phoenix	4.5WSE PX04W011	
9 GB	3.5	661-2047	Draco	IBM	DDRS-39130	
			Viking II	Quantum Phoenix	9.1WSE PX09W011	
9 GB	3.5	661-1247	Barracuda 9	Seagate	ST19171W	

			Draco	IBM	DDRS-39130
<b>Note 1:</b> For Network servers. <b>Note 2:</b> For AWS9650 firmware 0548. <b>Note 3:</b> For Network servers firmware 0546.					

3.5-Inch Ultra2 Hard Drives						
Capacity	Size	Service Part No.	Vendor Model Name	Vendor	Vendor Part No.	Notes
9 GB	3.5	661-2141	Cheetah II	Seagate	ST39102LW	
			Cheetah III	Seagate	ST39103LW	
9 GB	3.5	661-2142	Atlas IV Katana	Quantum	DDRS39139D	
			Phoenix	Quantum	PXO9L02H	
			Neptune	IBM	DNES-309170	
			Draco	IBM	DDRS-39130	

3.5-Inch Ultra2 LVD Hard Drives						
Capacity	Size	Service Part No.	Vendor Model Name	Vendor	Vendor Part No.	Notes
18 GB	3.5	661-2203	Cheetah III	Seagate	ST318203LW	
			Cheetah 3	Seagate	TN ATLAS IV	
36 GB	3.5	661-2185	Swordfish	IBM	Ultrastar 36XP	

3.5-Inch Ultra ATA Hard Drives						
Capacity	Size	Service Part No.	Vendor Model Name	Vendor	Vendor Part No.	Notes
10 GB	3.5	661-2247	Corona Plus	Quantum	Fireball CX	
			Rebel	Western Digital	WD102AA	
13 GB	3.5	661-2245	Corona Plus	Quantum	Fireball CX	
			Rebel	Western Digital	WD136AA-00	
20 GB	3.5	661-2249	Katana +	Quantum	Fireball Plus KX	
			Triumph	Western Digital	WD205BA	
27 GB	3.5	661-2250	Katana +	Quantum	Fireball Plus KX	
			Triumph	Western Digital	WD273BA	
			Triumph	Western Digital	P780A30A	

3.5-Inch IDE Hard Drives					
Capacity	Size	Service Part No.	Vendor Model Name	Vendor	Vendor Part No.
350 MB	3.5	661-0068	Satsuma	IBM	DSAA-3360
			Aladdin	IBM	DALA-3360
			Maverick	Quantum	MV36A01E
			Lightning	Quantum	LT36A01E
500 MB	3.5	661-0146	Lightning	Quantum	LT54A01E
			Aladdin	IBM	DALA-3540
			Fireball	Quantum	FB54A011
800 MB	3.5	661-0999	Trailblazer	Quantum	TR84A011
			Caviar 2850	Western Digital	AC2850

			Caboboat	Conner	CFS850A
1 GB	3.5	661-0955	Fireball	Quantum	FB10A011
1.2 GB	3.5	661-1106	Caboboat	Conner	CFS1275A
1.2 GB	3.5	661-1139	Fireball II	Quantum	FB12A02E
			Tempest	Quantum	TM12A01E
			Caviar 11200	Western Digital	AC11200
			Medalist	Seagate	ST31276A
1.6 GB	3.5	661-1107	Jafar	IBM	DJAA-31700
			Tempest	Quantum	TM17A01E
			Caviar 21700	Western Digital	AC21700
			Sirocco	Quantum	SR17A011
2 GB	3.5	661-1255	Tempest	Quantum	TM21A011
			Stratus	Quantum	ST21A01E
			Stratus +	Quantum	SE21A005
			Caviar	Western Digital	AC12100
			Caviar	Western Digital	AC22100
2.4 GB	3.5	661-1202	Sirocco	Quantum	SR25A011
			Caviar 22500	Western Digital	AC22500
			Tempest	Quantum	TM25A012
			Caviar 32500	Western Digital	AC32500
3 GB	3.5	661-1254	Tempest	Quantum	TM32A011
			Stratus	Quantum	ST32A01E
			Caviar	Western Digital	AC23200
			Titan	IBM	DTTA350320
3.6 GB	3.5	661-1256	Tempest	Quantum	TM38A012
4 GB	3.5	661-1342	Caviar 34000	Western Digital	AC34000
			Caviar 24300	Western Digital	AC24300
			Stratus ST	Quantum	ST43A01E
			Stratus SE	Quantum	SE43A005
			Titan	IBM	DTTA350430
			Bali	Seagate	ST34321A
4 GB	3.5	661-2133	Bali	Seagate	ST34321A
4 GB	3.5	661-2134	Flagstaff	Western Digital	AC24300
4 GB	3.5	661-2135	Eclipse +	Quantum	EX34A004
6 GB	3.5	661-1451	Caviar 36400	Western Digital	AC36400
			Titan	IBM	DTTA350640
			Fireball ST	Quantum	ST64A01E
			Fireball SE	Quantum	SE64A005
6 GB	3.5	661-2136	Eclipse+	Quantum	EX64A004
6 GB	3.5	661-2137	Titan	IBM	DTTA350640
			Quasar	Maxtor	90648D3
				Quantum	Fireball CR
6 GB	3.5	661-2169	Caviar	Western Digital	AC26400
6 GB	3.5	661-2228	Corona Plus	Quantum	Fireball CX
			Meteor	Maxtor	90650U2
8 GB	3.5	661-2054	Titan	IBM	DTTA350840
			Stratus +	Quantum	SE84A005
8 GB	3.5	661-2138	Eclipse +	Quantum	EX84A01E
8 GB	3.5	661-2139	Caviar	Western Digital	AC38400
10 GB	3.5	661-2070	Titan	IBM	DTTA371010

10 GB	3.5	661-2248	Corona Plus	Quantum	Fireball CX
			Meteor	Maxtor	91020U3
12 GB	3.5	661-2055	Titan	IBM	DTTA371290
12 GB	3.5	661-2101	Eclipse +	Quantum	EX12.7
12 GB	3.5	661-2140	Titan	IBM	DTTA351290
			Quasar	Maxtor	91303D6
13 GB	3.5	661-2252	Corona Plus	Quantum	Fireball CX
			Meteor	Maxtor	91360U4

2.5-Inch IDE/SCSI Hard Drive						
Capacity	Size	Service Part No.	Vendor Model Name	Vendor	Vendor Part No.	Notes
1 GB	2.5	661-1298	IDE/SCSI	ADTX	AX-HDD-1298	1

**Note 1:** IDE-to-SCSI converted drive for older SCSI-based PowerBooks.

2.5-Inch IDE Hard Drives					
Capacity	Size	Service Part No.	Vendor Model Name	Vendor	Vendor Part No.
500 MB	2.5	661-1058	Bolero	IBM	DBOA-2540
500 MB	2.5	661-0047	Bolero	IBM	DBOA-2540
750 MB	2.5	661-0957	Shima V	IBM	DVAA-2810
			Presto	IBM	DPRA-20810
750 MB	2.5	661-1253	Sonata	IBM	DSOA-20810
1 GB	2.5	661-1245	Sonata	IBM	DSOA-21080
			Marcato	IBM	DCMA-21080
1.1 GB	2.5	661-0944	Presto	IBM	DPRA-21215
1.3 GB	2.5	661-1333	Marcato	IBM	DMCA-21440
			MR2	Toshiba	MK1403MAV
2 GB	2.5	661-1241	Crescendo	IBM	DCRA-22160
			MR2	Toshiba	MK2103MAV
2 GB	2.5	661-1361	Tango	IBM	DTNA-22160
2 GB	2.5	661-2056	Yukon	IBM	DYKA-22160
			MR3	Toshiba	MK2105MAV
3 GB	2.5	661-1343	Legato	IBM	DLGA-23080
			MR2	Toshiba	MK3003MAN
4 GB	2.5	661-1493	Toccata	IBM	DTCA-24090
			GMR	Toshiba	MK4309MAT
			Klondike	IBM	DKLA-24320
5 GB	2.5	661-1482	Prelude	IBM	DPLA-25120
6 GB	2.5	661-2179	Biscayne/Acadia	IBM	DADA-26480
			GMR1	Toshiba	MKE6409MAV
8 GB	2.5	661-2057	Yellowstone	IBM	DYLA-28100
10 GB	2.5	661-2180	Croix	IBM	DCXA-21000

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**Document Information**

Product Area: Peripherals

Category: Magnetic Storage Devices

Sub Category: Hard Disk; General

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