

MANUFACTURER

DRIVE

DISK/TREND GROUP

MARKET

MEDIA: Nominal disk diameter

Recording medium

DRIVE: Heads

Interface

CAPACITY/RECORDING DENSITY

Total capacity (Mbytes) FIXED

REMOVABLE

Capacity per track (Bytes)

Data surfaces per spindle

Tracks per surface

Track density (TPI)

Maximum linear density (BPI)
(FCI)

Recording code

Rotational speed (RPM)

PERFORMANCE

Actuator type

Servo type

Average positioning time (msec)

Average rotational delay (msec)

Average access time (msec)

Data transfer rate (KBytes/sec)

SIZE: (mm) H x W x D

FIRST CUSTOMER SHIPMENT

COMMENTS

WESTERN DIGITAL	WESTERN DIGITAL	WESTERN DIGITAL
WDAC1170 Caviar	WDAL2170 Caviar Lite	WDAC1210 Caviar
3	3	4
OEM, PCM	OEM, PCM	OEM, PCM
95 mm OD 25 mm ID Thin Film	65 mm OD 20 mm ID Thin Film	95 mm OD 25 mm ID Thin Film
Thin Film/MIG PC AT	Thin Film PC AT	Thin Film/MIG PC AT
F: 170.6	F: 170.6	F: 212.6
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Varies by zone 2 2233 2481 55200 41400 1,7 RLL 3322	Varies by zone 4 1781 2950 53170 39900 1,7 RLL 3600	Varies by zone 2 2720 2985 55900 41920 1,7 RLL 3314
Rotary, Voice Coil Embedded 13 9 22 11100 P10*	Rotary, Voice Coil Embedded 16 8.3 24.3 5500	Rotary, Voice Coil Embedded 13 9 22 11100 P10* 13300 DMA**
25.4 x 101.6 x 146.1	15 x 70.3 x 101.6	25.4 x 101.6 x 146.1
4Q92	1Q93	2Q93
*P10 Mode 3		*P10 Mode 3 **DMA Mode 1

MANUFACTURER	WESTERN DIGITAL	WESTERN DIGITAL	WESTERN DIGITAL	WESTERN DIGITAL	WESTERN DIGITAL
DRIVE					
	WDAC1270 Caviar	WDAL2200 Caviar Lite	WDAC2340 Caviar	WDAC2420 Caviar	WDAC2540 Caviar
DISK/TREND GROUP	4	4	5	5	6
MARKET	OEM, PCM	OEM, PCM	OEM, PCM	OEM, PCM	OEM, PCM
MEDIA: Nominal disk diameter	95 mm OD	65 mm OD	95 mm OD	95 mm OD	95 mm OD
Recording medium	25 mm ID Thin Film	20 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film
DRIVE: Heads	Thin Film/MIG	Thin Film/MIG	Thin Film/MIG	Thin Film/MIG	Thin Film/MIG
Interface	PC AT	PC AT	PC AT	PC AT	PC AT
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes) FIXED	F: 270.4	F: 200	F: 341.3	F: 425.3	F: 540.8
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	Varies by zone	Varies by zone	Varies by zone	Varies by zone	Varies by zone
Data surfaces per spindle	2	4	4	4	4
Tracks per surface	3132	1900	2233	2720	3132
Track density (TPI)	3300	3146	2481	2985	3300
Maximum linear density (BPI) (FCI)		55255 41441	55200 41400	55900 41920	
Recording code	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL
Rotational speed (RPM)	4500	3600	3322	3314	4500
PERFORMANCE					
Actuator type	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil
Servo type	Embedded	Embedded	Embedded	Embedded	Embedded
Average positioning time (msec)	11 RD/13 WR	17	13	13	11 RD/13 WR
Average rotational delay (msec)	6.67	8.3	9	9	6.67
Average access time (msec)	17.67/19.67	25.3	22	22	17.67/19.67
Data transfer rate (KBytes/sec)	11100 P10*	5400	11100 P10* 13300 DMA**	11100 P10* 13300 DMA**	11100 P10* 13300 DMA**
SIZE: (mm) H x W x D	25.4 x 101.6 x 146.1	15 x 70.3 x 101.6	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1
FIRST CUSTOMER SHIPMENT	10/93	11/93	3Q92	1Q93	9/93
COMMENTS	*P10 Mode 3		*P10 Mode 3 **DMA Mode 1	*P10 Mode 3 **DMA Mode 1	*P10 Mode 3 **DMA Mode 1

RSPEC-121

MANUFACTURER	WESTERN DIGITAL	WESTERN DIGITAL
DRIVE		
	WDAC2700 Caviar	WDAC31000 Caviar
DISK/TREND GROUP	6	7
MARKET	OEM, PCM	OEM, PCM
MEDIA: Nominal disk diameter	95 mm OD	95 mm OD
Recording medium	25 mm ID Thin Film	25 mm ID Thin Film
DRIVE: Heads	Thin Film	Thin Film
Interface	PC AT	PC AT
CAPACITY/RECORDING DENSITY		
Total capacity (Mbytes) FIXED	F: 730.8	F: 1,083.8
REMOVABLE	--	--
Capacity per track (Bytes)	Varies by zone	Varies by zone
Data surfaces per spindle	4	6
Tracks per surface		
Track density (TPI)	4000	4000
Maximum linear density (BPI) (FCI)		
Recording code	1,7 RLL	1,7 RLL
Rotational speed (RPM)	4495	4495
PERFORMANCE		
Actuator type	Rotary, Voice Coil	Rotary, Voice Coil
Servo type	Embedded	Embedded
Average positioning time (msec)	10 RD/12 WR	10 RD/12 WR
Average rotational delay (msec)	6.67	6.67
Average access time (msec)	16.67/18.67	16.67/18.67
Data transfer rate (KBytes/sec)	11100 PIO* 13300 DMA**	11100 PIO* 13300 DMA**
SIZE: (mm) H x W x D	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1
FIRST CUSTOMER SHIPMENT	4/94	4/94
COMMENTS	*PIO Mode 3 **DMA Mode 1	*PIO Mode 3 **DMA Mode 1

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