

MANUFACTURER	COMPAREX	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS
DRIVE	6490-A34 6490-A38 6490-B34 6490-B38 6490-B3C	CFL-420A Filepro Notebook Kiwi	CFS-425A Filepro Cabo	CFS-541A Filepro Cabo	CFS-635A Filepro Cabo
DISK/TREND GROUP	8	5	5	6	6
MARKET	PCM	OEM	OEM, PCM	OEM, PCM	OEM, PCM
MEDIA: Disk diameter	9.5"	65 mm	95 mm	95 mm	95 mm
Recording medium	Oxide Coated	Thin Film	Thin Film	Thin Film	Thin Film
DRIVE: Heads	Thin Film	Thin Film, MIG	Thin Film, MIG		
Interface	IBM	IDE	IDE	IDE	IDE
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes) FIXED	F: 2,838	F: 422	F: 425	F: 540	F: 635
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	F: 56,664	Varies by zone	Varies by zone	Varies by zone	Varies by zone
Data surfaces per spindle	15	4	2	2	3
Tracks per surface	3339	2393	3687	3924	3640
Track density (TPI)	*	4200	3840	4100	3849
Maximum linear density (BPI) (FCI)	*	80000 60000	75000 57000	93000 70000	77000 58000
Areal density (Mb/square inch)		336.0	288.0	381.3	296.4
Recording code	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL
Rotational speed (RPM)	4260	3600	3600	3600	3600
PERFORMANCE					
Actuator type	Linear, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil
Servo type	Dedicated Surf.	Embedded	Embedded	Embedded	Embedded
Average positioning time (msec)	12.5	12	15	14	15
Average rotational delay (msec)	7.1	8.3	8.3	8.3	8.3
Average access time (msec)	19.6	20.3	23.3	22.3	23.3
Data transfer rate (MBytes/sec) Internal, min/max External	4.2	2.4/4.1 11.1 PIO Mode 3	11.1 PIO Mode 3 13.3 DMA Mode 1	16.6 PIO Mode 4 16.6 DMA Mode 2	16.6 PIO Mode 4 16.6 DMA Mode 2
SIZE: (mm) H x W x D	--	12.7 x 69.8 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	2Q92	1Q95	11/94	6/95	4/95
COMMENTS	PCM 3390-3. Drive has 4,8, or 12 spindles. *Not announced. 2 heads/surface Mfr. by Hi tachi				

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MANUFACTURER

DRIVE

DISK/TREND GROUP

MARKET

MEDIA: 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)

Areal density (Mb/square inch)

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 (MBytes/sec)
Internal, min/max
External

SIZE: (mm) H x W x D

FIRST CUSTOMER SHIPMENT

COMMENTS

	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS
	CFS-850A Filepro Cabo	CFP-1080E Filepro Performance Antiqua	CFP-1080S Filepro Performance Antiqua	CFS-1081A Filepro Cabo	CFS-1275A Filepro Cabo
	6	7	7	7	7
	OEM, PCM	OEM, PCM	OEM, PCM	OEM, PCM	OEM, PCM
	95 mm	95 mm	95 mm	95 mm	95 mm
	Thin Film	Thin Film	Thin Film	Thin Film	Thin Film
	Thin Film, MIG	Thin Film, MIG	Thin Film, MIG		Thin Film, MIG
	IDE	SCSI-2	SCSI-2	IDE	IDE
	F: 850	F: 1,080	F: 1,080	F: 1,080	F: 1,278
	--	--	--	--	--
	Varies by zone	Varies by zone	Varies by zone	Varies by zone	Varies by zone
	4	6	6	4	6
	3687	3658	3658	3930	3687
	3833	3849	3849	4100	3833
	75000 57000	64000 48000	64000 48000	93000 70000	75000 57000
	287.5	246.3	246.3	381.3	287.5
	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL
	3600	5400	5400	3600	3600
	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil
	Embedded	Embedded	Embedded	Embedded	Embedded
	15	11 RD/11.5 WR	11 RD/11.5 WR	14	15
	8.3	5.6	5.6	8.3	8.3
	23.3	16.6 RD/17.1 WR	16.6 RD/17.1 WR	22.3	23.3
	11.1 PIO Mode 3 13.3 DMA Mode 1	3.9/7.0 20.0 synchron.	3.9/7.0 10.0 synchron.	16.6 PIO Mode 4 16.6 DMA Mode 2	11.1 PIO Mode 3 13.3 DMA Mode 1
	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1
	11/94	11/94	11/94	6/95	11/94

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MANUFACTURER	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS
DRIVE	CFS-1621A Filepro Cabo	CFP-2105E CFP-2105W Filepro Performance Cayman	CFP-2105S Filepro Performance Cayman	CFP-2107E CFP-2107W Filepro Performance Cayman	CFP-2107S Filepro Performance Cayman
DISK/TREND GROUP	7	8	8	8	8
MARKET	OEM, PCM	OEM, PCM	OEM, PCM	OEM, PCM	OEM, PCM
MEDIA: Disk diameter	95 mm	95 mm	95 mm	95 mm	95 mm
Recording medium	Thin Film	Thin Film	Thin Film	Thin Film	Thin Film
DRIVE: Heads		Thin Film	Thin Film	Thin Film	Thin Film
Interface	IDE	SCSI-2	SCSI-2	SCSI-2	SCSI-2
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes) FIXED	F: 1,620	F: 2,147	F: 2,147	F: 2,147	F: 2,147
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	Varies by zone	Varies by zone	Varies by zone	Varies by zone	Varies by zone
Data surfaces per spindle	6	10	10	10	10
Tracks per surface	3930	3948	3948	4016	4016
Track density (TPI)	4100	4030	4030	4090	4090
Maximum linear density (BPI) (FCI)	94000 70000	78000 58500	78000 58500	78000 58500	78000 58500
Areal density (Mb/square inch)	385.4	314.3	314.3	319.0	319.0
Recording code	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL
Rotational speed (RPM)	3600	5400	5400	7200	7200
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)	14	8.5 RD/9.0 WR	8.5 RD/9.0 WR	8.5 RD/9.0 WR	8.5 RD/9.0 WR
Average rotational delay (msec)	8.3	5.6	5.6	4.17	4.17
Average access time (msec)	22.3	14.1 RD/14.6 WR	14.1 RD/14.6 WR	12.67/13.17	12.67/13.17
Data transfer rate (MBytes/sec) Internal, min/max External	16.6 PIO Mode 4 16.6 DMA Mode 2	4.2/8.5 20.0 synch.	4.2/8.5 10.0 synch.	6.0/10.9 20.0 synch.	6.0/10.9 10.0 synch.
SIZE: (mm) H x W x D	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1	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	6/95	2Q95	2Q95	2Q95	2Q95
COMMENTS					

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MANUFACTURER

DRIVE

DISK/TREND GROUP

MARKET

MEDIA: 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)

Areal density (Mb/square inch)

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 (MBytes/sec)
Internal, min/max
External

SIZE: (mm) H x W x D

FIRST CUSTOMER SHIPMENT

COMMENTS

	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	FUJITSU	FUJITSU
	CFP-4207C SSAbre Cayman	CFP-4207E CFP-4207W Filepro Performance Cayman	CFP-4207S Filepro Performance Cayman	M2611S/SA/SB	M2611T
	9	9	9	2	2
	OEM, PCM	OEM, PCM	OEM, PCM	OEM	OEM
	95 mm	95 mm	95 mm	95 mm	95 mm
	Thin Film	Thin Film	Thin Film	Thin Film	Thin Film
	Thin Film	Thin Film	Thin Film	Ferrite	Ferrite
	SSA	SCSI-2	SCSI-2	SCSI	IDE
	F: 4,294	F: 4,294	F: 4,294	F: 45.07	F: 45.07
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	Varies by zone	Varies by zone	Varies by zone	F: 17,408	F: 16,896
	20	20	20	2	2
	4016	4016	4016	1334	1334
	4090	4090	4090	1681	1681
	78000 58500	78000 58500	78000 58500	29571 22178	29571 22178
	319.0	319.0	319.0	49.7	49.7
	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL	1,7 RLL
	7200	7200	7200	3490	3490
	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil
	Embedded	Embedded	Embedded	Embedded	Embedded
	9.0 RD/9.5 WR	9.0 RD/9.5 WR	9.0 RD/9.5 WR	25	25
	4.17	4.17	4.17	8.6	8.6
	13.17/13.67	13.17/13.67	13.17/13.67	33.6	33.6
	6.0/10.9 10.0 synch.	6.0/10.9 20.0 synch.	6.0/10.9 10.0 synch.	2.5 synch. 1.5 asynch.	7.4 max.
	41.2 x 101.6 x 146.1	41.2 x 101.6 x 146.1	41.2 x 101.6 x 146.1	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1
	2Q95	2Q95	2Q95	4Q88	3Q89

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