

MANUFACTURER	COMPORT	COMPORT	COMPORT	CONNER PERIPHERALS	CONNER PERIPHERALS
DRIVE					
	2040	2041	2082	CP-3020	CP-3024
DISK/TREND GROUP	4	4	5	3	3
MARKET	OEM	OEM	OEM	OEM	OEM
MEDIA: Generic type	Fixed	Fixed	Fixed	Fixed	Fixed
Nominal disk diameter	95 mm OD	95 mm OD	95 mm OD	95 mm OD	95 mm OD
Recording medium	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film
DRIVE: Heads	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite
Interface	ST412	PC AT	SCSI	SCSI	PC AT
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes) FIXED	U: 51.3	F: 43.7	F: 85.7	F: 21.4	F: 21.4
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	U: 15,624	F: 13,312	F: 17,408	F: 16,896	F: 16,896
Data surfaces per spindle	4	4	6	2	2
Heads per data surface	1	1	1	1	1
Tracks per surface	820	820	820	636	636
Track density (TPI)	1065	1065	1065	1150	1150
Maximum linear density (BPI)	20196 BPI*	20196 BPI*	26928 BPI*	21379 BPI*	21379 BPI*
Rotational speed (RPM)	13464 FCI 3600	13464 FCI 3600	17952 FCI 3600	14253 FCI 3575	14253 FCI 3575
PERFORMANCE					
Actuator type	Linear, Stepping Motor	Linear, Stepping Motor	Linear, Stepping Motor	Rotary, Voice Coil	Rotary, Voice Coil
Average positioning time (msec)	35 (including settling)	29 (including settling)	29 (including settling)	27	27
Average rotational delay (msec)	8.3	8.3	8.3	8.4	8.4
Average access time (msec)	43.3	37.3	37.3	35.4	35.4
Data transfer rate (KBytes/sec)	937.5	937.5	1250	1250	1250
FIRST CUSTOMER SHIPMENT	3Q88	4Q88	1Q90	2Q88	2Q88
U.S. OEM PRICE FOR 100 UNITS	--	--	--	--	--
COMMENTS	41.3 mm high *2,7 RLL Code	41.3 mm high *2,7 RLL Code	41.3 mm high *2,7 RLL Code	25.4 mm high *2,7 RLL Code Embedded Servo	25.4 mm high *2,7 RLL Code Embedded Servo

MANUFACTURER	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS
DRIVE					
	CP-3040	CP-3044	CP-340	CP-344	CP-3100
DISK/TREND GROUP	4	4	4	4	6
MARKET	OEM	OEM	OEM	OEM	OEM
MEDIA: Generic type	Fixed	Fixed	Fixed	Fixed	Fixed
Nominal disk diameter	95 mm OD	95 mm OD	95 mm OD	95 mm OD	95 mm OD
Recording medium	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film
DRIVE: Heads	Thin Film	Thin Film	Ferrite	Ferrite	Ferrite
Interface	SCSI	PC AT	SCSI	PC AT	SCSI
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes) FIXED	F: 42.65	F: 42.65	F: 40.4	F: 42.6	F: 104.9
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	F: 20,480	F: 20,480	F: 13,312	F: 13,312	F: 16,896
Data surfaces per spindle	2	2	4	4	8
Heads per data surface	1	1	1	1	1
Tracks per surface	1047	1047	788	805	776
Track density (TPI)	1400	1400	1000	1000	1150
Maximum linear density (BPI)	30871 BPI* 20581 FCI	30871 BPI* 20581 FCI	21379 BPI* 14253 FCI	21379 BPI* 14253 FCI	23441 BPI* 15627 FCI
Rotational speed (RPM)	3557	3557	3600	3600	3575
PERFORMANCE					
Actuator type	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil
Average positioning time (msec)	25	25	29	29	25
Average rotational delay (msec)	8.4	8.4	8.3	8.3	8.4
Average access time (msec)	33.4	33.4	37.3	37.3	33.4
Data transfer rate (KBytes/sec)	1500	1500	1000	1000	1250
FIRST CUSTOMER SHIPMENT	4Q88	4Q88	1Q87	1Q87	4Q87
U.S. OEM PRICE FOR 100 UNITS	--	--	--	--	--
COMMENTS	25.4 mm high *2,7 RLL Code Embedded Servo	25.4 mm high *2,7 RLL Code Embedded Servo	38 mm high *2,7 RLL Code Embedded Servo	38 mm high *2,7 RLL Code Embedded Servo	41.3 mm high *2,7 RLL Code Embedded Servo

MANUFACTURER	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	CONNER PERIPHERALS	DATA GENERAL
DRIVE	CP-3104	CP-3114	CP-3200	CP-3204	6236 6237
DISK/TREND GROUP	6	6	6	6	7
MARKET	OEM	OEM	OEM	OEM	Captive
MEDIA: Generic type	Fixed	Fixed	Fixed	Fixed	Fixed
Nominal disk diameter	95 mm OD	95 mm OD	95 mm OD	95 mm OD	14"
Recording medium	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film	25 mm ID Thin Film	Oxide Coated
DRIVE: Heads	Ferrite	Ferrite	Thin Film	Thin Film	Ferrite
Interface	PC AT	PC AT	SCSI	PC AT	Data General
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes) FIXED	F: 104.9	F: 112	F: 209.7	F: 209.7	F: 354.1
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	F: 16,896	F: 16,896	F: 19,456	F: 19,456	F: 28,672
Data surfaces per spindle	8	8	8	8	8
Heads per data surface	1	1	1	1	2
Tracks per surface	776	833	1348	1348	1572
Track density (TPI)	1150	1150	1700	1700	714
Maximum linear density (BPI)	23441 BPI* 15627 FCI	*	31800 BPI* 21200 FCI	31800 BPI* 21200 FCI	10438 BPI* 6958 FCI
Rotational speed (RPM)	3575	3575	3600	3600	3000
PERFORMANCE					
Actuator type	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil	Linear, Voice Coil
Average positioning time (msec)	25	25	19	19	20
Average rotational delay (msec)	8.4	8.4	8.3	8.3	10
Average access time (msec)	33.4	33.4	27.3	27.3	30
Data transfer rate (KBytes/sec)	1250	1250	1500	1500	1680
FIRST CUSTOMER SHIPMENT	4Q87	1988	2Q89	2Q89	9/83
U.S. OEM PRICE FOR 100 UNITS	--	--	--	--	--
COMMENTS	41.3 mm high *2,7 RLL Code Embedded Servo	41.3 mm high *2,7 RLL Code Embedded Servo	41.3 mm high *2,7 RLL Code Embedded Servo	41.3 mm high *2,7 RLL Code Embedded Servo	*2,7 RLL Code 6237-3 spindles

1989 DISK/TREND REPORT