

**MANUFACTURER**

**DRIVE**

**DISK/TREND GROUP**

**MARKET**

**MEDIA:** Disk diameter

Recording technology

**DRIVE:** Operating mode

Relative speed

Interface

Compatibility

Speed control & zones

**CAPACITY/RECORDING DENSITY**

Total capacity (Mbytes)

Capacity per track (Bytes)

Data surfaces per spindle

Tracks per surface

Track density (TPI)

Maximum linear density (BPI)

Rotational speed (RPM)

**PERFORMANCE**

Positioner type

Servo type

Average positioning time (msec)

Average rotational delay (msec)

Average access time (msec)

Data transfer rate (MBytes/sec)

Internal

External

Buffer/cache size (Kbytes)

**SIZE (mm: H x W x D)**

**FIRST CUSTOMER SHIPMENT**

**COMMENTS**

TOSHIBA	TOSHIBA	TOSHIBA	TOSHIBA	TOSHIBA
XM-1402B	XM-3701B XM-3701D	XM-5401B	XM-5402B XM-5422B	XM-5522B
20	20	20	20	20
OEM, PCM	OEM, PCM	OEM, PCM	OEM, PCM	OEM, PCM
120 mm	120 mm	120 mm	120 mm	120 mm
Replication	Replication	Replication	Replication	Replication
CD-ROM	CD-ROM	CD-ROM	CD-ROM	CD-ROM
6X	6-7X	4X	4X	6X
IDE/ATAPI	SCSI-2	SCSI-2	IDE/ATAPI	IDE/ATAPI
MS, XA, MPC-3	MS, XA, CD-1*	MS, XA, CD-1*	MS, XA, CD-1*	MS, XA, CD-1*
CLV	CLV	CLV	CLV	CLV
635 Mode 2 F: 540 Mode 1	635 Mode 2 F: 540 Mode 1	635 Mode 2 F: 540 Mode 1	635 Mode 2 F: 540 Mode 1	650 Mode 2 F: 540 Mode 1
N/A	N/A	N/A	N/A	N/A
1	1	1	1	1
21250	21250	21250	21250	21250
15875	15875	15875	15875	15875
25400	25400	25400	25400	25400
3180-1200	3550-1340	2120-800	2120-800	3180-1200
Linear, Lead Screw	Linear, Rack & Pinion	Linear, Rack & Pinion	Linear, Rack & Pinion	Linear, Rack & Pinion
Continuous	Continuous	Continuous	Continuous	Continuous
160	120	150	150	150
30	15	40	40	20
190	135	190	190	170
.900	1.000	.600	.600	.900
11.1	5.0 synch. 256	4.2 synch. 256	8.3 synch. 128**/256	11.1 128
17 x 128 x 136.4	41.5 x 146 x 196	41.5 x 146 x 190	41.5 x 146 x 190	41.5 x 146 x 190
1Q96	3Q95	4Q95	4Q95	
Tray loading.	*MPC-3 compliant. Tray loading. XM-3701D is external mount.	*MPC-3 compliant. Tray loading.	*MPC-3 compliant. Tray loading. **XM-5422B has 128K buffer.	*MPC-3 compliant. Tray loading.

<b>MANUFACTURER</b>	TOSHIBA	TOSHIBA
<b>DRIVE</b>		
	XM-5601B XM-5601D	XM-5602B
<b>DISK/TREND GROUP</b>	20	20
<b>MARKET</b>	OEM, PCM	OEM, PCM
<b>MEDIA:</b> Disk diameter	120 mm/80 mm	120 mm/80 mm
Recording technology	Replication	Replication
<b>DRIVE:</b> Operating mode	CD-ROM	CD-ROM
Relative speed	8X	8X
Interface	SCSI	IDE/ATAPI
Compatibility	MS, XA, CD-I*	MS, XA, CD-I*
Speed control & zones	CLV	CLV
<b>CAPACITY/RECORDING DENSITY</b>		
Total capacity (Mbytes)	635 Mode 2 F: 540 Mode 1	635 Mode 2 F: 540 Mode 1
Capacity per track (Bytes)	N/A	N/A
Data surfaces per spindle	1	1
Tracks per surface	21250	21250
Track density (TPI)	15875	15875
Maximum linear density (BPI)	25400	25400
Rotational speed (RPM)	4240-1600	4240-1600
<b>PERFORMANCE</b>		
Positioner type	Linear, Rack & Pinion	Linear, Rack & Pinion
Servo type	Continuous	Continuous
Average positioning time (msec)	130	130
Average rotational delay (msec)	15	15
Average access time (msec)	145	145
Data transfer rate (MBytes/sec)		
Internal	1.2	1.2
External	5.0	11.1 PIO Mode 3
Buffer/cache size (Kbytes)	256	256
<b>SIZE (mm: H x W x D)</b>	41.5 x 146 x 190	41.5 x 146 x 190
<b>FIRST CUSTOMER SHIPMENT</b>		
<b>COMMENTS</b>	*MPC-3 compliant. Tray loading. XM-5601D is external mount.	*MPC-3 compliant. Tray loading.