

12X CD-ROM SPECIFICATIONS

XM-5702 ATAPI

XM-5701 SCSI

1.800KB/s Sustained Transfer Rate

115ms Average Random Seek

125ms Average Random Access

Tray Load and Eject

256KB Buffer

Toshiba's new 12 speed CD-ROM drive brings leading edge performance to the CD-ROM market. Available in either an ATAPI (enhanced IDE) or SCSI-2 interface. Both drives boast a fast 115ms average random seek, 125ms average random access and a blazing fast 1,800KB/sec (1.8MB/Second) transfer rate. This high performance is combined with MPC-3 compatibility and multisection Photo CD support to make the XM-5702 (ATAPI) and XM-5701 (SCSI) the drives for demanding data and multimedia applications.

MODEL NUMBER:

XM-5701

Internal SCSI-2 (ID 0 to 7), SCAM (Level-2)

TXM-5701

External SCSI-2 (ID 0 to 7), SCAM (Level-2)

XM-5702

Internal ATAPI (enhanced IDE)

DATA TRANSFER RATE:

Sustained Mode 1 - 12X

1,800 KB/s (1.8MB/s)

Burst (ATAPI)

13,300 KB/s (13.3MB/s, DMA Mode 1)

Burst (SCSI)

10,000 KB/s (10MB/s Sync.)

Buffer Cache Size

256K

ACCESS TIME:

Average Random Seek (12X)

115 ms

Average Random Access(12X)

125 ms

Full Stroke (12X)

290ms

CLV Rotational Speed (1-12X)

200 - 6,360 rpm

COMPATIBLE CD-ROM STANDARDS:

Multisection Photo-CD, CD-Extra

CD-ROM XA

CD-1, Video CD, CD-I Ready, CD-G

MPC-3 Compliant

Red Book, Yellow Book

Plug and Play

AUDIO:

Output

Line: 1.0, Headphone 0.7 (volts, rms)

Distortion (1kHz)

0.04% (LPF 20kHz)

AMBIENT TEMPERATURE:

Operating

41° to 122°F (5° to 50°C)

Storage

14° to 140°F (-10° to 60°C)

Operating Humidity (non-condensing)

8% to 80% (wet bulb 27°C max)

ERROR RATES:

Unrecoverable - Mode 1

<1 in 10¹⁵

Unrecoverable - Mode 2

<1 in 10¹²

Seek

<1 in 10⁶

MOUNTING ORIENTATION:

Horizontal

+ 20°

Vertical

+ 10°

PHYSICAL CHARACTERISTICS:

Power Requirements

DC+ 12v, +5v (±5%), Standby 0.5W, Avg. 6.9W

Dimensions HxWxD (internal)

1.62"x5.69"x7.41" (41.5mm x146mm x190mm)

Weight (internal)

1.98 lbs (0.9 kg)

MTBF

100,000 POH @ 20% Duty Cycle

In Touch with Tomorrow

TOSHIBA

TOSHIBA AMERICA INFORMATION SYSTEMS, INC.
DISK PRODUCTS DIVISION

9740 Irvine Boulevard, Irvine, CA 92718 (714) 457-0777, fax (714) 587-6847
www.tais.com/taisdpd/ or www.toshiba.com