

Toshiba

MQ01ABD100 -

hard drive - 1 TB -

SATA 3Gb/s Specs



Toshiba MQ01ABD100V - hard drive - 1 TB - SATA 3Gb/s
Part Number: MQ01ABD100V

GENERAL

- Capacity

1 TB

- Device Type

Hard drive - internal

- Interface

SATA 3Gb/s

- Bytes per Sector

4096

- Buffer Size

8 MB

- Weight

3.95 oz

- Manufacturer

Toshiba

MISCELLANEOUS

- Microsoft Certifications

Compatible with Windows 7

- MTBF

600000 sec

INTERFACE PROVIDED

- Qty

1

- Connector Type

7 pin Serial ATA

- Storage Interface

Serial ATA-300

- Interface

Serial ATA-300

HARD DRIVE

- Form Factor

2.5" x 1/8H

- Interface Type

Serial ATA-300

- Spindle Speed

5400 rpm

- Features

Advanced Format technology, Silent HDD, SilentSeek technology, shock sensor

- Hard Drive Type

internal hard drive

- Form Factor (Short)

2.5"

- Form Factor (metric)

6.4 cm x 1/8H

- Form Factor (Short) (metric)

6.4 cm

- Storage Interface
-

Serial ATA-300

- Interface
-

Serial ATA-300

- Average Seek Time
-

12 ms

- Max Seek Time
-

22 ms

- Track-to-Track Seek Time
-

2 ms

- Average Latency
-

5.55 ms

- Data Transfer Rate
-

300 MBps

- Buffer Size
-

8 MB

- Bytes per Sector
-

4096 Hz

- Non-Recoverable Errors
-

1 per 10^{14}

- Seek Errors
-

1 per 10⁶

EXPANSION & CONNECTIVITY

- Interfaces

1 x SATA 3 Gb/s - 7 pin Serial ATA

PERFORMANCE

- Seek Time

12 ms (average) / 22 ms (max)

- Drive Transfer Rate

300 MBps (external)

- Average Latency

5.55 ms

- Spindle Speed

5400 rpm

- Track-to-Track Seek Time

2 ms

ENVIRONMENTAL PARAMETERS

- Vibration Tolerance

1 g @ 5-500 Hz (operating) / 5 g @ 15-500 Hz (non-operating)

- Min Operating Temperature

41 °F

- Max Operating Temperature

131 °F

- Humidity Range Operating

8 - 90%

- Sound Emission

23 dB

STORAGE HARD DRIVE

- Compliant Standards

S.M.A.R.T.

HEADER

- Brand

Toshiba

- Product Line

Toshiba

- Model

MQ01ABD100V

- Packaged Quantity

1

- Compatibility

Game console, PC

BAY REQUIRED

- Type
-

internal

- Form Factor
-

2.5" x 1/8H

- Form Factor (metric)
-

6.4 cm x 1/8H

- Total Qty
-

1

DIMENSIONS & WEIGHT

- Width
-

2.8 in

- Depth
-

3.9 in

- Height
-

0.4 in

- Weight
-

3.95 oz

POWER CONSUMPTION

- Mode
-

active

- Value
-

4.5 Watt

RELIABILITY

- Seek Errors
-

1 per 10⁶

- Non-Recoverable Errors
-

1 per 10¹⁴

- MTBF
-

600,000 hours

GENERAL

- Manufacturer
-

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