

WD Caviar WD400BB - hard drive - 40 GB - ATA-100 Series

General

- Capacity
40 GB
- Features
S.M.A.R.T.
- Interface
ATA-100
- Bytes per Sector
512
- Buffer Size
2 MB
- Weight
1.32 lbs
- Manufacturer
Western Digital Corp.

Power Device

- Type
none

Miscellaneous

- Package Type
Retail
- Mounting Kit
included

Expansion & Connectivity

- Connections
1 x storage - ATA-100 - 40 pin IDC

Hard Drive

- Form Factor
3.5" x 1/3H
- Interface Type
ATA-100
- Spindle Speed
7200 rpm

- Hard Drive Type
internal hard drive
- Form Factor (Short)
3.5"
- Form Factor (metric)
8.9 cm x 1/3H
- Form Factor (Short) (metric)
8.9 cm
- Storage Interface
ATA-100
- Interface
ATA-100
- Average Seek Time
8.9 ms
- Max Seek Time
18 ms
- Track-to-Track Seek Time
2 ms
- Average Latency
4.2 ms
- Data Transfer Rate
100 MBps
- Internal Data Rate
50 MBps
- Buffer Size
2 MB
- Bytes per Sector
512 Hz
- Non-Recoverable Errors
1 per 10^{14}
- Start / Stop Cycles
40000

Performance

- Internal Data Rate
50 MBps
- Seek Time
8.9 ms (average) / 18 ms (max)
- Drive Transfer Rate
100 MBps (external)
- Average Latency
4.2 ms
- Spindle Speed
7200 rpm
- Track-to-Track Seek Time
2 ms

Storage Controller (2nd)

- Type
none

Software & System Requirements

- Software Included
Drivers & Utilities

Environmental Parameters

- Max Altitude Operating
9840 ft
- Min Operating Temperature
41 °F
- Max Operating Temperature
131 °F
- Humidity Range Operating
5 - 85%
- Sound Emission
35 dBA

Storage Hard Drive

- Compliant Standards
S.M.A.R.T.

Header

- Brand
WD
- Product Line
WD Caviar
- Model
WD400BB
- Localization
English
- Packaged Quantity
1
- Compatibility
PC

Interface Required

- Connector Type
40 pin IDC
- Gender
female
- Connector Qty

- 1
- Total Qty
1

Bay Required

- Type
internal
- Form Factor
3.5" x 1/3H
- Form Factor (metric)
8.9 cm x 1/3H
- Total Qty
1

Slot Required

- Type
none

Software

- Type
Drivers & Utilities

Dimensions & Weight

- Width
4 in
- Depth
5.8 in
- Height
1 in
- Weight
1.32 lbs

Reliability

- Start / Stop Cycles
40,000
- Non-Recoverable Errors
1 per 10^{14}

General

- Manufacturer
Western Digital

WDC WD 400BB-75DEA0

37,25GB

LBR 47,4 MB/s

LRM 42,1 MB/s

LRE 26,5 MB/s

RR 35 MB/s

BR 89,6 MB/s

ARA 17,53 ms