

**Specifications:-**

- Performance:  
Cache, Multisegmented (MB): 64  
SATA Transfer Rates Supported (Gb/s): 6.0/3.0/1.5  
Seek Average, Read (ms): <8.5  
Seek Average, Write (ms): <9.5  
Average Data Rate, Read/Write (MB/s): 156  
Max Sustained Data Rate, OD Read (MB/s): 210
- Configuration/Organization:  
Heads/Disks: 2/1  
Bytes Per Sector: 4096
- Voltage:  
Voltage Tolerance, Including Noise (5V):  $\pm 5\%$   
Voltage Tolerance, Including Noise (12V):  $+10\%/-7.5\%$
- Reliability/Data Integrity:  
Load/Unload Cycles: 300,000  
Nonrecoverable Read Errors Per Bits Read, Max: 1 Per  $10E14$   
Power-On Hours: 2400
- Power Management:  
Startup Power (A): 2.0  
Operating Mode, Typical (W): 5.90  
Idle Average (W): 4.0  
Standby Mode (W): 0.63  
Sleep Mode (W): 0.63

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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- Environmental:  
Temperature:  
Operating (ambient Min °C): 0  
Operating (drive Case Max °C): 60  
Nonoperating (ambient °C): –40 To 70  
Halogen Free: Yes  
RoHS Compliance: Yes
- Physical:  
Height (mm/in): 20.17/0.7825  
Width (mm/in): 101.6/4.0  
Depth (mm/in): 146.99/5.787  
Weight (g/lb): 400/0.88  
Carton Unit Quantity: 25  
Cartons Per Pallet: 40  
Cartons Per Layer: 8
- Double Your Capacity And Drive Down Costs With Up To 1TB-Per-Disk Hard Drive Technology.
- SATA 6Gb/s Interface Optimizes Burst Performance
- Best-Fit Applications  
Desktop Or All-In-One Pcs  
Home Servers  
PC-Based Gaming Systems  
Desktop Raid  
Direct-Attached External Storage Devices (DAS)  
Network-Attached Storage Devices (NAS)

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