



M5 Series – 2.5” HDD

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|-----------------|---------|---------|---------|---------|---------|
| Capacity | 40GB | 80GB | 120GB | 160GB | 250GB |
| Model | HM061GI | HM080GI | HM121HI | HM160HI | HM250JI |

Features

- Up to 160GB Formatted Capacity Per Disk
- TuMR/PMR Head Combination with Wireless Suspension Design
- Serial ATA 1.5Gbps Interface Support
- ATA S.M.A.R.T Feature Set
- ATA Automatic Acoustic Management Feature Set
- Samsung Latch System for Improved Reliability and Quiet Operation

Drive Configuration

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|-------------------------------|--------------|
| Interface | SATA 1.5Gbps |
| Buffer DRAM Size ² | 8 Mbytes |
| Bytes per Sector | 512 |

Performance Specifications

| | |
|-------------------------------|----------------|
| Read Seek Time (typical) | |
| ~ track-to-track | 2 ms |
| ~ average | 12 ms |
| ~ full stroke | 22 ms |
| Average Latency | 5.6 ms |
| Rotational Speed | 5400 rpm class |
| Data Transfer Rate | |
| ~ media to/from Buffer (max.) | 530MB/s |
| ~ buffer to/from host (max.) | 150MB/s |
| Drive Ready Time (typical) | 4 sec |