



## MH80 Series – 2.5” Hybrid

<b>Capacity</b>	80GB	120GB	160GB
<b>Model</b>	HM08HHI	HM121HII	HM16HJI

### Features

- 80GB Formatted Capacity Per Disk
- TuMR Head with Wireless Suspension Design
- Serial ATA 1.5Gbps Interface Support
- SATA Native Command Queuing Feature Set
- ATA Security Mode Feature Set
- ATA S.M.A.R.T Feature Set
- ATA Automatic Acoustic Management Feature Set
- FlashOn™
- NVC Command Set (T13 ATA8 Extension)
- NVC Power Management™

### Drive Configuration

Interface	Serial ATA 1.5Gbps
Buffer DRAM Size	8Mbytes
OneNAND Flash	256MB
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
Data Transfer Rate	
~ media to/from Buffer (max.)	530 MB/s
~ buffer to/from host (max.)	150 MB/s
~ NV Cache Read (max.)	100 MB/s
~ NV Cache Write (max.)	9MB/s
Power on to Command Ready	0.8 sec
Drive Ready Time (typical)	4 sec