



## N2 Series – 1.8” HDD

<b>Capacity</b>	40GB	60GB	80GB	100GB	120GB
	(2-HEADS)	(2-HEADS)	(2-HEADS)	(4-HEADS)	(4-HEADS)

### Model

2MB Buffer	HS040HB	HS060HB	HS080HB		HS12SJB
8MB Buffer	HS04THB	HS06THB	HS082HB	HS10TJB	HS12TJB

### Features

- Up to 80GB Formatted Capacity Per Disk
- UDMA 5 (ATA – 100)
- High Speed Digital Signal Processor Based Architecture
- Low Power HDC
- Advanced Power Management Control
- ATA S.M.A.R.T Compliant (Limitedly)
- ATA 24-bit Address Feature Set

### Drive Configuration

Interface	PATA (ZIF)
Capacity	60 / 80 / 100 / 120
Head	2 / 4
Disk	1 / 2
Sector Size (Bytes)	512
Area density (max. Gbit/inch)	40 / 60 / 80 / 100 / 120GB – 258 / 200 / 258 / 178 / 200

### Performance Specifications

Data Buffer	2 / 8MB
Read Seek Time (typical)	
~ track-to-track	3.0 ms
~ average	15.0 ms
~ full stroke	26.0 ms
Average Latency	8.3 ms
Rotational Speed	4200 rpm class
Media Transfer Rate (max. Mbits/sec)	
40 / 60 / 80 / 100 / 120GB –	478 / 387 / 478 / 368 / 387
Drive Ready Time (typical)	2.0 sec
Component Design Life	5 years