

# 120GB 2.5" HDD Spinpoint M60

M60 series

capacity: 120GB

interface: UDMA 100

buffer memory: 8MB



120GB formatted capacity per disk

load/unload head technology

Multi-Burst On-The-Fly error correction

GMR/TuMR head with wireless suspension design

ATA security mode feature set

Silentseek™

ultra ATA-100 interface

ATA automatic acoustic management feature set

hybrid latch system for reliability and quietness

fluid dynamic bearing spindle motor technology

ATA device configuration overlay feature set

## Drive Configuration

Capacity	120GB
Interface	SATA 1.5Gbps
Buffer DRAM Size	8MB
Byte per Sector	512
Rotational Speed	5,400RPM

## Performance Specifications

Average Latency	5.6ms
Average Seek time(typical)	12.0ms
Media Transfer Rate(Max.)	428MB/s

Interface Transfer Rate(Max.)	150MB/s
Drive Reday Time(typical)	4s
<b>Reliability Specifications</b>	
Non-recoverable Read Error	330,000 POH
Load/Unload Cycles	600,000
<b>Acoustics</b>	
Idle	2.4Bel
Performance Seek	2.6Bel
<b>Environmental Specifications</b>	
Temperature	5 ~ 55°C
Temperature	-40 ~ 70°C
Humidity(non-condensing)	5 ~ 90%
Humidity(non-condensing)	5 ~ 95%
Liner Shock(1/2 sine pulse)	325G
Liner Shock(1/2 sine pulse)	1,000G
Vibration	1.0 Go-p
Vibration	N/A
Altitude(relative to sea level)	-1,000 to 10,000ft
Altitude(relative to sea level)	-1,400 to 50,000ft
<b>Power Requirenents</b>	
Voltage	+5V +/- 5%
Spin-up Current(Max.)	4.50W
Seek(typical)	2.10W
Read/Write(typical)	2.00W
Idle(typical)	0.65W
Standby(typical)	0.10W
Sleep(typical)	0.25W
<b>Physical Dimension</b>	
Height (Max.)	9.40mm
Width	69.85mm
Length	100.00mm
Weight(avg.)	559g

