hawk 2XL

Fast and Fast Wide SCSI-2 Interfaces

3.5 INCH FAMILY, HALF-HEIGHT

· *Formatted capacities of 2.15 and 1.05 Gbytes*

· *5,400 RPM spindle with 5.54 msec average latency*

· *SCSI-3 SPI and SCAM Plug-n-Play compliant*

· *Fast SCSI-2 and Fast Wide SCSI-2 high performance interface*

· *Advanced SCSI Architecture II (ASA II)*

· *Embedded servo and PRML channel*

For additional information, please call 408/438-8111.

Seagate

hawk 2XL
3.5
INCH FAMILY, HALF-HEIGHT

Fast and Fast Wide SCSI-2 Interfaces

	ST31051 Hawk 2XL	ST32151 Hawk 2XL
Capacity		
Formatted Mbytes (512 bytes/sector)	1,050	2,147
Interface		
	Fast SCSI-2 8- and 16 bit	Fast SCSI-2 8- and 16 bit
Performance		
Internal Transfer Rate, ZBR (Mbits/sec)	40 to 70	40 to 70
External Transfer Rate (Mbytes/sec)	10/20	10/20
Multisegmented Cache Buffer (Kbytes)	256 (8 bit) 512 (16 bit)	256 (8 bit) 512 (16 bit)
Track-to-Track Seek, Read/Write (msec)	1	1
Average Seek, Read/Write (msec)	9/10.5	9/10.5
Maximum Seek (msec)	22	22
Spindle Speed (RPM)	5,411	5,411
Average Latency (msec)	5.54	5.54
Configuration/Organization		
Discs	2	4
Read/Write Heads	4	8
Servo Heads	Embedded	Embedded
Bytes per Sector (typ)	512	512
Cylinders	4,569	4,569
Recording Method	RLL (0,4,4)	RLL (0,4,4)
Reliability and Data Integrity		
MTBF (power on hours)	500,000	500,000
Nonrecoverable Read Errors per Bits Read	1 per 10^{14}	1 per 10^{14}
Auto-Park	yes	yes
Limited Warranty (yrs)	3	5
Power Requirements		
+12 VDC ±5% (amps typ)	0.38	0.38
(amps max)	2	2
+5 VDC ±5% (amps)	0.7	0.7
Power (Idle watts)	6.3	6.5
Environmental		
Operating Temperature (°C)	5 to 55	5 to 55
Nonoperating Temperature (°C)	−40 to 70	−40 to 70
Physical		
Height (inches/mm)	1/25.4	1/25.4
Width (inches/mm)	4/101.6	4/101.6
Depth (inches/mm)	5.74/146.1	5.74/146.1
Weight (lb/kg)	1.5/0.68	1.5/0.68

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