

hawk 4

3.5

INCH FAMILY, HALF-HEIGHT

*Fast, Fast Wide and Single Connector
SCSI-2 Interfaces*



- *Formatted capacity up to 4.294 Gbytes*
- *Advanced SCSI Architecture II*
- *Multiple SCSI I/O options*
- *5,411 RPM spindle speed reduces latency to 5.54 msec*
- *512 Kbyte multisegmented cache buffer*
- *800,000 hours MTBF*
- *Five year limited warranty*

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

 **Seagate**

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| | ST15230N ST15230ND ST15230DC Hawk 4 | ST15230W ST15230WD ST15230WC Hawk 4 |
|--|--|--|
| Capacity | | |
| Unformatted Mbytes | 5,160 | 5,160 |
| Formatted Mbytes (512 bytes/sector) | 4,294 | 4,294 |
| Interface | | |
| | Fast SCSI-2 | Fast Wide SCSI-2 |
| Performance | | |
| Internal Transfer Rate, ZBR (Mbits/sec) | 34 to 63 | 34 to 63 |
| External Transfer Rate (Mbytes/sec) | 10 Sync | 20 Sync |
| Cache Buffer (Kbytes) (optional) | 512 | 512 |
| Track-to-Track Seek, Read/Write (msec) | 1/1.7 | 1/1.7 |
| 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 | 10 | 10 |
| Read/Write Heads (default) | 19 | 19 |
| Servo Heads | 1 | 1 |
| Bytes per Sector (typ) | 512 | 512 |
| Cylinders (default) | 3,892 | 3,892 |
| Recording Method | RLL (1,7) | RLL (1,7) |
| Reliability and Data Integrity | | |
| MTBF (power on hours) | 800,000 | 800,000 |
| Recoverable Read Errors per Bits Read | 1 per 10 ¹⁰ | 1 per 10 ¹⁰ |
| Nonrecoverable Read Errors per Bits Read | 1 per 10 ¹⁴ | 1 per 10 ¹⁴ |
| Seek Errors (per seek) | 1 per 10 ⁷ | 1 per 10 ⁷ |
| Auto-Park | yes | yes |
| Limited Warranty (yrs) | 5 | 5 |
| Power Requirements | | |
| +12 VDC ±5% (amps typ) | 0.6 | 0.6 |
| (amps max) | 2.4 | 2.4 |
| +5 VDC ±5% (amps) | 0.7 | 0.7 |
| Power (Idle watts) | 9 | 9 |
| Environmental | | |
| Operating Temperature (°C) | 5 to 55 | 5 to 55 |
| Nonoperating Temperature (°C) | -40 to 70 | -40 to 70 |
| Physical | | |
| Height (inches/mm) | 1.62/41.4 | 1.62/41.4 |
| Width (inches/mm) | 4/101.6 | 4/101.6 |
| Depth (inches/mm) | 5.74/146.1 | 5.74/146.1 |
| Weight (lb/kg) | 2.1/0.95 | 2.1/0.95 |