Power Macintosh 6100: Internal Hard Disk Specifications (2/95)

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TOPIC --

I need the access/seek and data transfer rate specs on our 350MB and 500MB
drives that ship in the Power Macintosh 6100/66 AV and Power Macintosh DOS
Compatible.

DISCUSSION ---

It is important to remember that Apple qualifies several different drive vendors
for a particular configuration, so the specifications are going to vary from
vendor to vendor. Apple may also switch vendors periodically during the life of
a product usually due to cost and availability of drives at the time of
manufacturing. Since we have no way of knowing which drives the customer would
actually receive, the specifications here are the general specifications for the
drives.

500MB Hard Disk

Average Access Time: less than or equal to 14ms
SCSI Data Burst Rate: greater than or equal to 5.0 MB/sec asynchronous
Minimum Average sequential throughput: greater than or equal to 3 MB/sec

350MB Hard Disk

Average Access Time: less than or equal to 12ms
SCSI Data Burst Rate: greater than or equal to 5.0 MB/sec asynchronous
Minimum Average sequential throughput: Not specified

Another important factor to remember is that these specifications are Apple's
requirements when we qualify a drive vendor. These specifications are the
requirements for the drive only. When the drive is plugged into a computer like
the Power Macintosh 6100 you also have to take into account other factors that
may affect the overall drive performance that are not necessarily specific to
the drive. This includes things like the length of the SCSI cabling, other
devices attached to the SCSI bus, SCSI drivers, and type of data being
transferred.

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