

SATA at a Glance

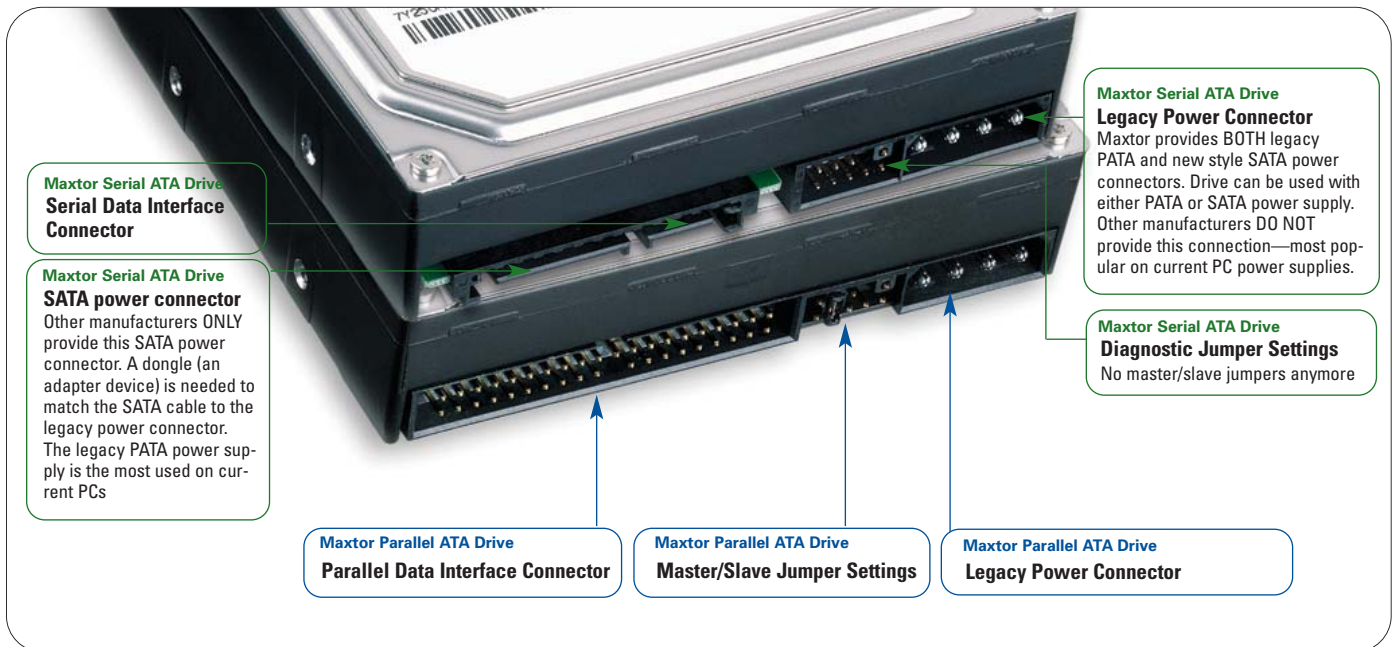
The computer industry will be transitioning from Parallel ATA to Serial ATA (SATA) technology over the next couple of years. SATA brings faster data transfer speeds, better airflow, greater bandwidth, and improved reliability, productivity and scalability. SATA debuts with a data transfer speed of 150Mb per second, and succeeding generations will push the rate to 600Mb per second.



Benefits Include:

<p>Improved wiring Serial cables and connectors are thinner and smaller</p> <ul style="list-style-type: none"> Maximizes system air flow 	<p>Improved reliability Hot plug</p> <ul style="list-style-type: none"> Greater productivity when reconfiguring a system <p>Better signal integrity Point-to-point helps "isolate" failures</p> <ul style="list-style-type: none"> Cyclical Redundancy Checking protects data 	<p>Bandwidth Point-to-point architecture dedicates bandwidth to a device</p> <ul style="list-style-type: none"> "Slow" devices do not impact "faster" devices 	<p>Scalability As devices are added, performance is not degraded</p>
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SATA vs. PATA Connectors



For more information on SATA drives, go to www.maxtor.com and click on technologies