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Unparalleled Data Security Offered by HP 960 Ultrium LTO-3 Tape Drive by [Rob Miller](#)

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HP tape storage devices are trusted by the leading organizations. The organizations have realized that data protection is the only option which can help them to extend their business operations and gain customer value. One of the most trustable tape recording technologies is LTO (linear tape open). According to the LTO roadmap, there are six generations of LTO ultrium tape format, and so far 5 generations have been launched.

Ultrium 960 tape drive, developed by HP, features LTO-3 generation. High speed HP LTO-4 drive has 2:1 compression ratio that helps to store 800 GB data on HP LTO 3 tape. HP 960 ultrium drive assures sustainable transfer speed of 160 Mbps with remarkable data integrity. HP LTO-3 ultrium drive makes dynamic and continuous adjustments to its speed, which ranges from 27 to 80Mbps. These dynamic changes in tape speed are helpful in matching the host or network system's speed.

HP 960 LTO-3 ultrium drive is based on an open standard which leads to exceptional compatibility of tape media across all the LTO ultrium tape brands. LTO-3 HP drive is highly compatible and provides high class results with Alpha-Servers platforms, HP ProLiant and leading server vendors including IBM, Sun and Dell. WORM enabled LTO3 data tapes can also be read and recorded by the HP 960 LTO ultrium drive.

HP LTO3 tape drive offers advantageous and high performance features to its valuable customers. The users won't be disappointed with the HP 960 ultrium drive's software compatibility. The major backup & archiving applications from Yosemite, Legato, Tivoli, CA, Hewlett Packard and Symantec can be efficiently used with HP ultrium LTO-4 drive. Along with the LTO3 backup tapes, the users of HP 960 ultrium drive are also provided instant access to LTO2 and LTO1 tapes. LTO 1 tapes are only read compatible.

To provide more benefits to the users, HP offers Diagnostic and management software with its 960 ultrium tape drive. This software assists the data managers to troubleshoot the tape media, tape drive and their configuration. Like I have told you before that HP 960 tape drive is more advantageous, it has a new Firmware based disaster recovery system which enable the tape drive to retrieve the entire storage system on a single tape cartridge.

LTO-CM (cartridge memory) is a high performance technique that features in each LTO tape. The HP 960 ultrium drive reads the information from the cartridge memory during load and unload cycles. This helps to boost the data access speed, and lowers the chances of read and write errors. You can be assured of safe and secure data storage, as the HP LTO-3 drive immediately reads the data after it is written to the tape. In case if the drive detects any write error, an error message will be posted to your screen.

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