

The following is a statement of the memory volatility for the IBM LTO Generation 1, Generation 2, Generation 3 Generation 4 and Generation 5, full height and half height tape drive products.

IBM LTO Gen 1

<u>Memory Size</u>	<u>Memory Type</u>	<u>Volatile/Non Volatile</u>	<u>User Data</u>
2 MB	Flash	Non Volatile	No
8 KB	EEPROM	Non Volatile	No
8 MB	uP-SDRAM	Volatile	No
16 MB (2X)	data-SDRAM	Volatile	Yes
8 MB (2X)	FC-SDRAM	Volatile	Yes

IBM LTO Gen 2

<u>Memory Size</u>	<u>Memory Type</u>	<u>Volatile/Non Volatile</u>	<u>User Data</u>
4 MB	Flash	Non Volatile	No
16 KB	EEPROM	Non Volatile	No
8 MB	uP-SDRAM	Volatile	No
32 MB (2X)	data-SDRAM	Volatile	Yes
8 MB (2X)	FC-SDRAM	Volatile	Yes

IBM LTO Gen 3/Gen3-HH

<u>Memory Size</u>	<u>Memory Type</u>	<u>Volatile/Non Volatile</u>	<u>User Data</u>
8 MB	Flash	Non Volatile	No
32 KB	EEPROM	Non Volatile	No
16 MB	uP-SDRAM	Volatile	No
32 MB (4X)	data-DDR-SDRAM	Volatile	Yes
32 MB (2X)	FC/SAS-DDR-SDRAM	Volatile	Yes

IBM LTO Gen 4

<u>Memory Size</u>	<u>Memory Type</u>	<u>Volatile/Non Volatile</u>	<u>User Data</u>
16 MB	uCode-Flash	Non Volatile	No
8 MB	Dump-Flash	Non Volatile	No
64 KB	EEPROM	Non Volatile	No
64 MB (2X)	uP-DDR-SDRAM	Volatile	No
64 MB (4X)	data-DDR2-SDRAM	Volatile	Yes
64 MB (2X)	FC/SAS-DDR-SDRAM	Volatile	Yes

IBM LTO Gen 4-HH

<u>Memory Size</u>	<u>Memory Type</u>	<u>Volatile/Non Volatile</u>	<u>User Data</u>
16 MB	uCode-Flash	Non Volatile	No
64 KB	EEPROM	Non Volatile	No
64 MB (2X)	uP-DDR-SDRAM	Volatile	No
64 MB (4X)	data-DDR2-SDRAM	Volatile	Yes
64 MB (2X)	SAS-DDR-SDRAM	Volatile	Yes

IBM LTO Gen 5

<u>Memory Size</u>	<u>Memory Type</u>	<u>Volatile/Non Volatile</u>	<u>User Data</u>
32 MB	uCode&Dump Flash	Non Volatile	No
128MB (4X)	uP&data-DDR2-SDRAM	Volatile	Yes
256MB (1X)	FC/SAS-DDR3-SDRAM	Volatile	Yes

IBM LTO Gen 5-HH

<u>Memory Size</u>	<u>Memory Type</u>	<u>Volatile/Non Volatile</u>	<u>User Data</u>
32 MB	uCode&Dump Flash	Non Volatile	No
128MB (4X)	uP&data-DDR2-SDRAM	Volatile	Yes
256MB (1X)	FC/SAS-DDR3-SDRAM	Volatile	Yes