

QUALSTAR LIBRARIES

CAPACITY AND PERFORMANCE FOR EVERY JOB



CAPACITY

Capacity Using All Cartridge Slots • Native – With Typical Compression

TLS AIT	Model	Number of Tapes	Number of Drives*	AIT 3	AIT 4	AIT 5	BCR	I/O Port
	TLS-4212	14**	2	1.4 – 3.6 TB	2.8 – 7.2 TB	5.6 – 14.5 TB	Opt	Opt
	TLS-4222	24**	2	2.4 – 6.2 TB	4.8 – 12.4 TB	9.6 – 24.9 TB	Opt	Opt
	TLS-4440	42	4	4.2 – 10.9 TB	8.4 – 21.8 TB	16.8 – 43.6 TB	Std	Std
	TLS-4480	84	4	8.4 – 21.8 TB	16.8 – 43.6 TB	33.6 – 87.3 TB	Std	Std
	TLS-4660	63	6	6.3 – 16.3 TB	12.6 – 32.6 TB	25.2 – 65.3 TB	Std	Std
	TLS-46120	126	6	12.6 – 32.7 TB	25.2 – 65.4 TB	50.4 – 131 TB	Std	Std
	TLS-412180	180	12	18 – 46.8 TB	36 – 93.6 TB	72 – 187.2 TB	Std	Std
	TLS-412300	300	12	30 – 78 TB	60 – 156 TB	144 – 374.4 TB	Std	Std
	TLS-412360	360	12	36 – 93.6 TB	72 – 187.2 TB	120 – 312 TB	Std	Std
	TLS-412600	600	12	60 – 156 TB	120 – 312 TB	240 – 624 TB	Std	Std

** I/O Port Option subtracts 1 slot from 4212 and 2 slots from 4222

TLS SAIT	Model	Number of Tapes	Number of Drives*	SAIT 1	BCR	I/O Port
	TLS-5433	33	4	16.5 – 42.9 TB	Std	Std
	TLS-5466	66	4	33 – 85.8 TB	Std	Std
	TLS-58132	132	8	66 – 171.6 TB	Std	Std
	TLS-58264	264	8	132 – 343.2 TB	Std	Std

TLS SDLT	Model	Number of Tapes	Number of Drives*	SDLT 320	SDLT 600	BCR	I/O Port
	TLS-6210	10	2	1.6 – 3.2 TB	3 – 6 TB	Opt	NA
	TLS-6220	20	2	3.2 – 6.4 TB	6 – 12 TB	Opt	Opt
	TLS-6430	30	4	4.8 – 9.6 TB	9 – 18 TB	Std	Std
	TLS-6460	60	4	9.6 – 19.2 TB	18 – 36 TB	Std	Std
	TLS-68120	120	8	19.2 – 38.4 TB	36 – 72 TB	Std	Std
	TLS-68240	240	8	38.4 – 76.8 TB	72 – 144 TB	Std	Std

TLS LTO	Model	Number of Tapes	Number of Drives*	LTO 2	LTO 3	BCR	I/O Port
	TLS-8211	11	2	2.2 – 4.4 TB	4.4 – 8.8 TB	Opt	Opt
	TLS-8222	22	2	4.4 – 8.8 TB	8.8 – 17.6 TB	Opt	Opt
	TLS-8433	33	4	6.6 – 13.2 TB	13.2 – 26.4 TB	Std	Std
	TLS-8466	66	4	13.2 – 26.4 TB	26.4 – 52.8 TB	Std	Std
	TLS-88132	132	8	26.4 – 52.8 TB	52.8 – 105.6 TB	Std	Std
	TLS-88264	264	8	52.8 – 105.6 TB	105.6 – 211.2 TB	Std	Std

RLS	Model	Number of Cartridges	Number of Drives*	SAIT 1	AIT 3	AIT 4	AIT 5	LTO 2	LTO 3	BCR	I/O Port
	RLS-4221	22	2		2.2 – 5.7 TB	4.4 – 11.4 TB	8.8 – 22.8 TB			Opt	Std
	RLS-4445	45	4		4.5 – 11.7 TB	9 – 23.4 TB	18 – 46.8 TB			Opt	Std
	RLS-4470	70	4		7 – 18.2 TB	14 – 36.4 TB	28 – 72.8 TB			Opt	Std
	RLS-5244	44	2	22 – 57.2 TB						Opt	Std
	RLS-8216H	16	2 (HH)†					3.2 – 6.4 TB		Opt	Std
	RLS-8236	36	2					7.2 – 14.4 TB	14.4 – 28.8 TB	Opt	Std
	RLS-8244	44	2					8.8 – 17.6 TB	17.6 – 35.2 TB	Opt	Std
	RLS-8204	12 – 44	2					2.4 – 17.6 TB	4.8 – 35.2 TB	Opt	Std
	RLS-8404H	12 – 44	4 (HH)†					2.4 – 17.6 TB		Opt	Std

* Maximum number of drives † Half-height LTO drive

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SIMPLY RELIABLE


PERFORMANCE




Data Rate Using All Drives in the Library • Native – With Typical Compression

TLS AIT	Model	Number of Drives*	AIT 3	AIT 4	AIT 5
	TLS-4212	2	86 – 224 GB/hr	172 – 449 GB/hr	172 – 449 GB/hr
	TLS-4222	2	86 – 224 GB/hr	172 – 449 GB/hr	172 – 449 GB/hr
	TLS-4440	4	172 – 449 GB/hr	345 – 898 GB/hr	345 – 898 GB/hr
	TLS-4480	4	172 – 449 GB/hr	345 – 898 GB/hr	345 – 898 GB/hr
	TLS-4660	6	259 – 673 GB/hr	518 – 1.3 TB/hr	518 – 1.3 TB/hr
	TLS-46120	6	259 – 673 GB/hr	518 – 1.3 TB/hr	518 – 1.3 TB/hr
	TLS-412180	12	518 GB – 1.3 TB/hr	1 – 2.6 TB/hr	1 – 2.6 TB/hr
	TLS-412300	12	518 GB – 1.3 TB/hr	1 – 2.6 TB/hr	1 – 2.6 TB/hr
	TLS-412360	12	518 GB – 1.3 TB/hr	1 – 2.6 TB/hr	1 – 2.6 TB/hr
	TLS-412600	12	518 GB – 1.3 TB/hr	1 – 2.6 TB/hr	1 – 2.6 TB/hr

TLS SAIT	Model	Number of Drives	SAIT 1
	TLS-5433	4	432 GB – 1.1 TB/hr
	TLS-5466	4	432 GB – 1.1 TB/hr
	TLS-58132	8	864 GB – 2.2 TB/hr
	TLS-58264	8	864 GB – 2.2 TB/hr

TLS SDLT	Model	Number of Drives*	SDLT 320	SDLT 600
	TLS-6210	2	115 – 230 GB/hr	259 – 518 GB/hr
	TLS-6220	2	115 – 230 GB/hr	259 – 518 GB/hr
	TLS-6430	4	230 – 460 GB/hr	518 GB – 1 TB/hr
	TLS-6460	4	230 – 460 GB/hr	518 GB – 1 TB/hr
	TLS-68120	8	460 – 921 GB/hr	1 – 2 TB/hr
	TLS-68240	8	460 – 921 GB/hr	1 – 2 TB/hr

TLS LTO	Model	Number of Drives*	LTO 2	LTO 3
	TLS-8211	2	252 – 504 GB/hr	576 GB – 1.1 TB/hr
	TLS-8222	2	252 – 504 GB/hr	576 GB – 1.1 TB/hr
	TLS-8433	4	504 GB – 1 TB/hr	1.1 – 2.2 TB/hr
	TLS-8466	4	504 GB – 1 TB/hr	1.1 – 2.2 TB/hr
	TLS-88132	8	1 – 2 TB/hr	2.3 – 4.6 TB/hr
	TLS-88264	8	1 – 2 TB/hr	2.3 – 4.6 TB/hr

RLS	Model	Number of Drives*	SAIT 1	AIT 3	AIT 4	AIT 5	LTO 2	LTO 3
  	RLS-4221	2		86 – 224 GB/hr	172 – 449 GB/hr	172 – 449 GB/hr		
	RLS-4445	4		172 – 449 GB/hr	345 – 898 GB/hr	345 – 898 GB/hr		
	RLS-4470	4		172 – 449 GB/hr	345 – 898 GB/hr	345 – 898 GB/hr		
	RLS-5244	2	216 – 561 GB/hr					
	RLS-8236	2					252 – 504 GB/hr	576 GB – 1.1 TB/hr
	RLS-8216H	2 HH†					172 – 345 GB/hr	576 GB – 1.1 TB/hr
	RLS-8244	2					252 – 504 GB/hr	576 GB – 1.1 TB/hr
	RLS-8204	2					252 – 504 GB/hr	576 GB – 1.1 TB/hr
	RLS-8404H	4 HH†					345 – 690 GB/hr	576 GB – 1.1 TB/hr

DRIVE SPECIFICATIONS

Model	Capacity per Cartridge		Data Transfer Rate	
	Native	w/ Typical Compression	Native	w/ Typical Compression
AIT 3	100 GB	260 GB	12 MB/sec – 43 GB/hr	31 MB/sec – 112 GB/hr
AIT 4	200 GB	520 GB	24 MB/sec – 86 GB/hr	62 MB/sec – 224 GB/hr
AIT 5	400 GB	1.04 TB	24 MB/sec – 86 GB/hr	62 MB/sec – 224 GB/hr
SAIT 1	500 GB	1.3 TB	30 MB/sec – 108 GB/hr	78 MB/sec – 280 GB/hr
SDLT 320	160 GB	320 GB	16 MB/sec – 57 GB/hr	32 MB/sec – 115 GB/hr
SDLT 600	300 GB	600 GB	36 MB/sec – 129 GB/hr	72 MB/sec – 259 GB/hr
LTO 2	200 GB	400 GB	35 MB/sec – 126 GB/hr	70 MB/sec – 252 GB/hr
LTO 2 HH†	200 GB	400 GB	24 MB/sec – 86 GB/hr	48 MB/sec – 172 GB/hr
LTO 3	400 GB	800 GB	80 MB/sec – 288 GB/hr	160 MB/sec – 576 GB/hr

* Maximum number of drives

† Half-height LTO drive

All information and specifications are based on our knowledge of the products at the time of printing. Qualstar reserves the right to change specifications without notice.

Qualstar products are covered by one or more of the following patents: 6,271,982 and 6,560,061. Other patents pending.

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