

OmniLib/XLS5



QUALSTAR

XLS

ENTERPRISE LIBRARY SYSTEM



SIMPLY RELIABLE ENTERPRISE DATA STORAGE

FEATURING



- Scales easily from 4 to 96 drives
- Readily grows from 350 to over 6,000 tapes
- Uses industry-leading LTO tape technology
- Very high density - up to 76 TB per square foot
- Up to eight independent host connections
- Advanced single-view, browser-based interface provides uniform local and worldwide management
- Highly efficient power design: low power consumption, reduced cooling requirements

ULTRIUM
LTO



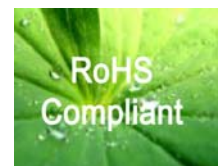
1901 Sampson Avenue Corona, California 92879 U.S.A.
Tel (951)278-5626 Fax (951)278-9093 Email sales@cucsolutions.com

OmniLib/XLS4



XLS CONFIGURATION EXAMPLES USING LTO 5 DRIVES

Configuration	Tape Drive Slots	Cartridge Slots*	Native Capacity with LTO 5	Native Data Rate with LTO 5	Terabytes per Square Foot	Cartidges per Square Foot
* May include optional cartridge slots						
XLS-810160	2	165	248 TB	1.0 TB/hr	44	29
XLS-810240	4	245	368 TB	2.0 TB/hr	66	44
XLS-810240 + 1 Pod	4	361	542 TB	2.0 TB/hr	72	52
XLS-810240 + 1 MEM2	6	762	1.1 PB	3.0 TB/hr	104	71
XLS-812300	4	295	443 TB	2.0 TB/hr	52	35
XLS-812300 + 2 Pods	6	535	803 TB	3.0 TB/hr	65	44
XLS-812300 + 2 MEM2	12	1,365	2.0 PB	6.0 TB/hr	107	71
XLS-820500	4	465	698 TB	2.0 TB/hr	82	55
XLS-820500 + 1 MEM2	6	970	1.5 PB	3.0 TB/hr	105	70
XLS-820500 + 1 MEM1	8	1,510	2.3 PB	4.0 TB/hr	133	89
XLS-820500 + 2 MEM1	8	2,585	3.9 PB	4.0 TB/hr	152	101
XLS-832700	8	655	983 TB	4.0 TB/hr	92	61
XLS-832700 + 1 MEM1	12	1,700	2.6 PB	6.0 TB/hr	142	89
XLS-832700 + 2 MEM1	12	2,775	4.2 PB	6.0 TB/hr	150	100
3 XLS-832700 + 4 MEM1	36	6,175	4.9 PB	15.6 TB/hr	75	93
XLS-8161100	4	1,066	1.6 PB	2.0 TB/hr	149	99
XLS-8161100 + 1 MEM1	4	2,141	3.2 PB	2.0 TB/hr	167	111
2 XLS-8161100 + 2 MEM1	8	4,282	6.4 PB	4.0 TB/hr	167	111
XLS-8161100 + 5	16	9,639	14.5 PB	8.1 TB/hr	169	113





XLS CONFIGURATION EXAMPLES

Configuration	Tape Drive Slots	Cartridge Slots ¹	Native Capacity with LTO 5	Native Data Rate with LTO 5	Terabytes per Square Foot	Cartridges per Square Foot
XLS 820500	4	465	697 TB	2.0 TB/hr	82	55
XLS 820500 + 1 MEM2	6	970	1.5 PB	3.0 TB/hr	105	70
XLS 820500 + 1 MEM1	8	1,510	2.3 PB	4.0 TB/hr	133	89
XLS 820500 + 2 MEM1	8	2,585	3.9 PB	4.0 TB/hr	152	101
XLS 832700	8	655	982 TB	4.0 TB/hr	92	61
XLS 832700 + 1 MEM1	12	1,700	2.6 PB	6.0 TB/hr	133	89
XLS 832700 + 2 MEM1	12	2,775	4.2 PB	6.6 TB/hr	150	100
3 XLS 832700 + 4 MEM1	36	6,175	9.3 PB	18.1 TB/hr	140	93
XLS 8161100	4	1,066	1.6 PB	2.0 TB/hr	149	99
XLS 8161100 + 1 MEM1	4	2,141	3.2 PB	2.0 TB/hr	167	111
2 XLS 8161100 + 2 MEM1	8	4,282	6.4 PB	4.0 TB/hr	167	111
4 XLS 8161100 + 5 MEM1	16	9,639	14.5 PB	8.1 TB/hr	169	113



Configurations containing up to 4 LRMs and 5 MEMs store over 9,600 tapes.

XLS SPECIFICATIONS

Specification	LRM	MEM1	MEM2
Dimensions 820500 (w, d, h)	35 x 35 x 78 in 88 x 88 x 198 cm	35 x 35 x 78 in 88 x 88 x 198 cm	22 x 35 x 78 in 56 x 88 x 198 cm
Dimensions 832700 (w, d, h)	45 x 35 x 78 in 113 x 88 x 198 cm		
Dimensions 8161100 (w, d, h)	45 x 36 x 78 in 113 x 91 x 198 cm		
Weight 820500	1,202 lbs / 545 kg		
Weight 832700	1,527 lbs / 693 kg		
Weight 8161100 (all fully populated)	1,777 lbs / 806 kg	1,057 lbs / 479 kg	687 lbs / 312 kg
Power Requirements	100 – 240 VAC • 48 – 62 Hz		
Power Consumption	See XLS Product Specification		
Reliability	> 2,000,000 MEBF		
MTTR	< 30 minutes		

XLS Performance

- Load a drive or slot within an LRM: 11 seconds average
- Load a drive or slot to/from an MEM: 13 seconds average



Qualstar's trademark robotic mechanisms provide precise positioning and flawless media handling for years of Simply Reliable operation.

