

StorEDGE

L9 Autoloader Summary

- The L9 Autoloader houses one DLT8000 drive and 9 cartridges (including a 6 cartridge magazine)
- The L9 Autoloader is an HP product highly leveraged from the L20 (Galactica) product
- The L9 Autoloader will replace the L280 Rialto Autoloader
- Three FRU strategy
 - Autoloader w/out Drive
 - DLT8000 Drive Assy
 - Empty Cartridge Magazine

L9 Commonalities with L20

- HVDS and LVDS SCSI Library Controller
- Picker
- Power Supply (not the module)
- Drive module for all types of drives
- Display but not entire assembly
- RMC electronics in different form factor
- 99% of firmware
- 99% of front panel operation

L9 Unique Features

- Electrical
 - Front panel board also contains door lock solenoid connector, door sensor and standby switch
 - One cable in the library goes from backplane to translate assembly and front panel
 - Chassis used for translate brush ground
 - New backplane for L9 form factor, totally passive
 - New IR/Translate board has chassis lug and additional IR emitter

L9 Unique Features

- Mechanical
 - New translate tracks with embedded runners
 - Six cartridge removable magazine
 - Three cartridge click–click rear magazine
 - Side access to picker assembly
 - Hinged front panel
 - No mechanical door lock

L9 vs L280 Comparison

L9	L280
9 cartridge slot	8 cartridge slot
Can rackmount two side by side (tray system)	Can rackmount two side by side (tray system)
Has barcode reader	No barcode reader
Large user interface/display	Small single line display
Drive technology Upgradeable	Not drive technology upgradeable
Remote Management Card (Not currently offered by Sun)	No remote management capability
Easy Drive FRU removal (two thumb screws)	More difficult drive FRU removal (phillips screws, uncabbling)
Backplane Assy basis – one main cable for communication	Not backplane, more cabling, more complex assy
Simple magazine as cartridges go in/out same side	More complex magazine as cartridges go in one side and out the other side
Door sensor	Door sensor
More simple pick and place system design	Roller picker, uses friction
No belts, fewer gears for higher reliability	
More extensive error recovery than L280	