

HP StorageWorks Tape Automation
ESL E-Series drive upgrade matrix

EML E-Series | ESL E-Series

Upgrade to drive	SDLT 600 (Ultra 320 SCSI)	Ultrium 960-FC (Native FC)	Ultrium 1840-FC (Native FC)	Mixed Drives SDLT & LTO
Library (Media Type)				
ESL 712e (Ultrium)	Supported	Supported	Supported	Supported
requires	AA946A ESL E-Series SDLT 600 Drive Upgrade Kit 343376-B21 License for Secure Manager Tape Libraries (see note 5) AD547A SDLT mixed media kit (see note 7)	AA595A ESL E-Series Ultrium 960-FC Drive Upgrade Kit (see notes 2 and 4)	AH194A ESL E-Series Ultrium 1840-FC Drive Upgrade Kit (see notes 4 and 6)	343376-B21 License for Secure Manager Tape Libraries (see note 5) and AD547A SDLT mixed media kit (see note 7)
ESL 322e (Ultrium)	Supported	Supported	Supported	Supported
requires	AA946A ESL E-Series SDLT 600 Drive Upgrade Kit 343376-B21 License for Secure Manager Tape Libraries (see note 5) AD547A SDLT mixed media kit (see note 7) AA942A (Quantity 3) Licensed Capacity Panel Upgrade for ESL E-Series	AA595A ESL E-Series Ultrium 960-FC Drive Upgrade Kit (see notes 2 and 4)	AH194A ESL E-Series Ultrium 1840-FC Drive Upgrade Kit (see notes 4 and 6)	343376-B21 License for Secure Manager Tape Libraries (see note 5), AD547A SDLT mixed media kit (see note 7), and enough AA942A Capacity Panel Upgrades to enable all slots in the library
ESL 630e (SDLT)	Supported	Supported	Supported	Supported
requires	AA946A ESL E-Series SDLT 600 Drive Upgrade Kit	AA595A ESL E-Series Ultrium 960-FC Drive Upgrade Kit (see note 2) 343376-B21 License for Secure Manager Tape Libraries (see note 5) AD546A Ultrium mixed media kit	AH194A ESL E-Series Ultrium 1840-FC Drive Upgrade Kit (see note 6) 343376-B21 License for Secure Manager Tape Libraries (see note 5) AD546A Ultrium mixed media kit	343376-B21 License for Secure Manager Tape Libraries (see note 5) and AD546A Ultrium mixed media kit
ESL 286e (SDLT)	Supported	Supported	Supported	Supported
requires	AA946A ESL E-Series SDLT 600 Drive Upgrade Kit	AA595A ESL E-Series Ultrium 960-FC Drive Upgrade Kit (see notes 2 and 4) 343376-B21 License for Secure Manager Tape Libraries (see note 5) AD546A Ultrium mixed media kit AA942A (Quantity 3) Licensed Capacity Panel Upgrade for ESL E-Series	AH194A ESL E-Series Ultrium 1840-FC Drive Upgrade Kit (see note 6) 343376-B21 License for Secure Manager Tape Libraries (see note 5) AD546A Ultrium mixed media kit AA942A (Quantity 3) Licensed Capacity Panel Upgrade for ESL E-Series	343376-B21 License for Secure Manager Tape Libraries (see note 5), AD546A Ultrium mixed media kit, and enough AA942A Capacity Panel Upgrades to enable all slots in the library

Notes:

- e2400-160 FC Interface Controller **AA960A** is the Ultra3 embedded Interface Controller for ESL E-Series
- Ultrium 960-FC drives require the e2400-FC 2G Interface Controller **AA928A** or the e2400-FC 4G Interface Controller **AD576A**
- The ESL E-Series tape libraries requires one Drive cluster (**AA938A**) for four drives, addition of fifth to eighth drive requires a second drive cluster, ninth to twelfth drive requires third drive cluster and so on...
- Mixing Native FC Ultrium drives with SCSI drives in the same library requires a minimum of two drive clusters if the library has a dedicated FC port for the robotics controller.
- The Secure Manager TL license is required to enable library partitioning, which is needed for implementing mixed media tape libraries
- Each ESL E-Series tape library with one or more Ultrium 1840-FC drives requires one **AH997A** Internal Network Kit
- This product is no longer sold by HP. It is included here for completeness.