

HP ProLiant ML570 G2 Cabling Matrix

Integrated Dual Channel Wide Ultra3 Controller
 Smart Array 6402/128 Controller
 Smart Array 530X Series Controllers
 Smart Array 5312 Controller
 Smart Array 641 or 642 Controller
 64-Bit/66-MHz Controller
 64-Bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter
 64-Bit/133-MHz Dual Channel Wide Ultra3 SCSI Adapter
 64-Bit/66-MHz PCI Fibre Channel Host Adapter
 Smart Array 5302/FC Controller
 64-Bit/133 MHz PCI Fibre Channel Host Adapter
 FCA2101 Host Adapter

| Internal Cabling | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|-----|
| Wide Ultra320 Hot-Plug Hard Drives | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| DAT and AIT Hot-Plug Tape Drives | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ |
| DAT, AIT, DLT, DLT VS, SDLT, and LTO Tape Drives | ✓ | | | | | ✓ | ✓ | ✓ | | | |
| External Cabling, Primary Storage | | | | | | | | | | | |
| StorageWorks Enclosure 43XX Family | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| External Cabling, Tape and Optical Storage | | | | | | | | | | | |
| AIT, DAT, and 1/8 Autoloaders | | | | | | ✓ | ✓ | ✓ | | | |
| SSL1016 SDLT Autoloaders | | | | | | | | ✓ | | | |
| DLT1 1280 SuperLoader | | | | | | ✓ | ✓ | ✓ | | | |
| DAT, AIT, DLT, DLT VS, SDLT, and LTO Tape Drives | ✓ | | | | | ✓ | ✓ | ✓ | | | |
| 3U Rackmount Tape Drives (DAT, AIT, DLT, DLT VS, SDLT, LTO) | 1 | | | | | 2 | 1 | 1 | | | |
| 5U Rackmount Tape Drives (DLT, SDLT, and LTO) | ✓ | | | | | ✓ | ✓ | ✓ | | | |
| External Cabling, Tape Libraries | | | | | | | | | | | |
| SSL2020 AIT Library | | | | | | | 1 | 1 | Π | Π | 5 6 |
| ESL9000 Series Enterprise Libraries | | | | | | | 1 | 1 | Π | Π | 5 6 |
| MSL50XX and MSL60XX Libraries | | | | | | | 3 | 3 | Π | Π | 5 6 |
| External Cabling, Fibre Channel Storage | | | | | | | | | | | |
| RAID Array 4100 | | | | | | | | | | ✘ | |
| MSA 1000 | | | | | | | | | | | 6 |
| MA 8000 | | | | | | | | | | | 4 |
| EMA 12000 | | | | | | | | | | | 4 |
| EMA 16000 | | | | | | | | | | | 4 |

| Definitions | |
|-------------------|--|
| HD68 | - High density 68 pin SCSI cable connector |
| VHDCI | - Very high density cable interconnect 68 pin SCSI cable Connector |
| Pt. to pt. | - no termination on SCSI cable |
| LVD | - Low voltage differential supporting Wide Ultra2 transfer rates |

| Internal Cable Part Numbers | | | |
|---------------------------------------|----------------------------|----------|------------------|
| Cable Part Numbers (printed on cable) | Cable Type | Quantity | Spare Kit Number |
| 166298-028 | Internal SCSI Cable | 1 | 180305-001 |
| 166298-029 | Internal SCSI Cable | 1 | 180305-001 |
| 157855-001 | Internal SCSI 2-Drop Cable | 1 | 180305-001 |

NOTE: The information in this matrix lists whether or not additional cables need to be purchased with each controller-to-option configuration. For information on how to cable an option, refer to the *HP ProLiant ML570 Generation 2 Setup and Installation Guide*, the device-specific documentation, and the controller-specific documentation. For information on the specific options supported by the server, refer to the server and device QuickSpecs.

| Key | |
|-----|--|
| ✓ | Cable(s) included |
| ✘ | Cable(s) included, but when using a hub or switch, additional fibre channel cables may be required. Refer to the device-specific user documentation for more information on cabling with hubs and switches |
| Π | Cable(s) included, but Modular Data Router, with hub or switch, is necessary to connect this option. Refer to the device-specific user documentation for more information on cabling with Modular Data Routers, hubs, and switches. |
| | Not Supported |
| 1 | Order one of the following VHDCI-HD68 cables: 341177-B21 - 12' VHDCI-HD68 cable 341176-B21 - 6' VHDCI-HD68 cable 201160-B21 - 10m VHDCI-HD68 cable |
| 2 | Order 5-m HD68-HD68 cable, part number 328215-001 |
| 3 | Order one of the following VHDCI-VHDCI cables: 341175-B21 - 12' VHDCI-VHDCI cable 341174-B21 - 6' VHDCI-VHDCI cable |
| 4 | Order one of the following Option Kits: 234457-B21 - 2m Fibre Channel Short Wave cable 234457-B23 - 15m Fibre Channel Short Wave cable When using a hub or switch, additional fibre channel cables may be required. Refer to the device-specific user documentation for more information on cabling with hubs and switches. |
| 5 | Order one of the following Option Kits: 234457-B21 - 2m Fibre Channel Short Wave cable 234457-B23 - 15m Fibre Channel Short Wave cable Modular Data Router, with hub or switch, is necessary to connect this option. Refer to the device-specific user documentation for more information on cabling with Modular Data Routers, hubs, and switches. |
| 6 | Order one of the following cables (Adapter may be needed for hubs or switches with an SC connector): 221692-B21—2-m multimode fibre channel cable 221692-B22—5-m multimode fibre channel cable 221692-B23—12-m multimode fibre channel cable |

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