

### Overview

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### Models

|                                     |        |
|-------------------------------------|--------|
| HP X120 1G SFP LC LH100 Transceiver | JD103A |
| HP X120 1G SFP LC SX Transceiver    | JD118B |
| HP X120 1G SFP LC LX Transceiver    | JD119B |
| HP X124 1G SFP LC SX Transceiver    | JD493A |

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### Warranty and support

- 1-year warranty: with advance replacement and 30-calendar-day delivery (available in most countries)
- Electronic and telephone support: limited electronic and telephone support is available from HP; refer to [www.hp.com/networking/warranty](http://www.hp.com/networking/warranty) for details on the support provided and the period during which support is available
- Software releases: refer to [www.hp.com/networking/warranty](http://www.hp.com/networking/warranty) for details on the software releases provided and the period during which software releases are available for your product(s)



### Technical Specifications

|  |                                   |   |  |  |
|--|-----------------------------------|---|--|--|
| <b>HP X120 1G SFP LC LH100 Transceiver (JD103A)</b>  | <b>Ports</b>                      | 1 LC 1000BASE-LH port (no IEEE standard exists for 1550 nm optics)  |  |  |
|  | <b>Connectivity</b>               | <b>Connector type</b>   | LC   |  |
| A small form factor pluggable (SFP) Gigabit LH100 transceiver that provides a full-duplex Gigabit solution up to 100km on a single mode fiber. | <b>Electrical characteristics</b> | <b>Wavelength</b>   | 1550 nm  |  |
|  |                                   | <b>Power consumption typical</b>  | 0.8 W  |  |
|  | <b>Cabling</b>                    | <b>Power consumption maximum</b>  | 1.0 W  |  |
|  |                                   | <b>Cable type:</b>  | Single-mode fiber optic, complying with ITU-T G.652; |  |
|  | <b>Services</b>                   | <b>Maximum distance:</b>  | • Up to 100km  |  |
|  |                                   | <b>Fiber type</b>   | Single Mode  |  |
|  |                                   | Refer to the HP website at <a href="http://www.hp.com/networking/services">www.hp.com/networking/services</a> for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office. |  |  |

|  |   |                                  |   |  |
|--|---|----------------------------------|---|--|
| <b>HP X120 1G SFP LC SX Transceiver (JD118B)</b>   | <b>Ports</b>  | 1 LC 1000BASE-SX port            |   |  |
|  | <b>Connectivity</b>   | <b>Connector type</b>            | LC  |  |
| A small form-factor pluggable (SFP) Gigabit SX transceiver that provides a full-duplex Gigabit solution up to 550m on a Multimode fiber. | <b>Physical characteristics</b>   | <b>Wavelength</b>                | 850 nm  |  |
|  |   | <b>Dimensions</b>                | 2.17(d) x 0.6(w) x 0.46(h) in. (5.51 x 1.52 x 1.17 cm)  |  |
|  | <b>Electrical characteristics</b>   | <b>Full configuration weight</b> | 0.04 lb. (0.02 kg)  |  |
|  |   | <b>Power consumption typical</b> | 0.8 W   |  |
|  | <b>Cabling</b>  | <b>Power consumption maximum</b> | 1.0 W   |  |
|  |   | <b>Maximum distance:</b>         | • FDDI Grade distance = 220m<br>• OM1 = 275m<br>• OM2 = 500m<br>• OM3 = Not Specified by standard |  |
|  | <b>Services</b>   | <b>Cable length</b>              | up to 550m  |  |
|  |   | <b>Fiber type</b>                | Multi Mode  |  |
|  | Refer to the HP website at <a href="http://www.hp.com/networking/services">www.hp.com/networking/services</a> for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office. |                                  |   |  |



### Technical Specifications

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|--|----------------------------------|---|--|
| <b>HP X120 1G SFP LC LX Transceiver (JD119B)</b>   | <b>Ports</b>                     | 1 SFP 1000BASE-LX port (IEEE 802.3z Type 1000BASE-LX)   |  |
|  | <b>Connectivity</b>              | <b>Connector type</b>   | LC   |
| A small form-factor pluggable (SFP) Gigabit LX transceiver that provides a full duplex Gigabit solution up to 550m on MMF or 10Km on SMF | <b>Physical characteristics</b>  | <b>Wavelength</b>   | 1300 nm  |
|  |                                  | <b>Dimensions</b>   | 2.17(d) x 0.6(w) x 0.46(h) in. (5.51 x 1.52 x 1.17 cm) |
| <b>Electrical characteristics</b>  | <b>Full configuration weight</b> | <b>Power consumption typical</b>  | 0.04 lb. (0.02 kg)                                     |
|  |                                  | <b>Power consumption maximum</b>  | 0.8 W  |
| <b>Cabling</b>   | <b>Services</b>                  | <b>Power consumption maximum</b>  | 1.0 W  |
|  |                                  | <b>Cable type:</b>  | Either single mode or multimode;                       |
| <b>Services</b>  | <b>Maximum distance:</b>         | <b>Fiber type</b>   | Both   |
|  |                                  | <ul style="list-style-type: none"><li>• 550m for Multimode</li><li>• 10km for Singlemode</li></ul>  |  |
| <b>Services</b>  |                                  | Refer to the HP website at <a href="http://www.hp.com/networking/services">www.hp.com/networking/services</a> for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office. |  |

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|  |                                  |   |   |
|--|----------------------------------|---|---|
| <b>HP X124 1G SFP LC SX Transceiver (JD493A)</b>   | <b>Ports</b>                     | 1 LC 1000BASE-SX port   |   |
|  | <b>Connectivity</b>              | <b>Connector type</b>   | LC  |
| JD493A HP X124 1G SFP LC SX Transceiver that provides a full duplex Gigabit solution up to 550m on Multi Mode fiber. | <b>Physical characteristics</b>  | <b>Wavelength</b>   | 850 nm  |
|  |                                  | <b>Dimensions</b>   | 2.17(d) x 0.6(w) x 0.46(h) in. (5.51 x 1.52 x 1.17 cm)                        |
| <b>Electrical characteristics</b>  | <b>Full configuration weight</b> | <b>Power consumption typical</b>  | 0.04 lb. (0.02 kg)  |
|  |                                  | <b>Power consumption maximum</b>  | 0.8 W   |
| <b>Cabling</b>   | <b>Services</b>                  | <b>Power consumption maximum</b>  | 1.0 W   |
|  |                                  | <b>Maximum distance:</b>  | Maximum distance: <ul style="list-style-type: none"><li>• 220m-550m</li></ul> |
| <b>Services</b>  | <b>Fiber type</b>                | <b>Fiber type</b>   | Multi Mode  |
|  |                                  | Refer to the HP website at <a href="http://www.hp.com/networking/services">www.hp.com/networking/services</a> for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office. |   |

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### *Technical Specifications*

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