

### Overview

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### Models

HP X125 1G SFP LC LH70 Transceiver

JD063B

HP X125 1G SFP RJ45 T Transceiver

JD089B

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### Key features

- SFP form factor
  - 1G Ethernet transmission speed
  - Up to 70km transmissions on single mode fiber
  - 1550nm wavelength
  - MSA compliant
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### Product overview

HP transceivers are designed and rigorously tested to meet the needs of critical network deployments. This product is a small form-factor pluggable SFP Gigabit LH70 transceiver that provides a full duplex Gigabit solution up to 70km on a single-mode fiber. Use only genuine HP transceivers in HP networking equipment.

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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; to reach our support centers, refer to [www.hp.com/networking/contact-support](http://www.hp.com/networking/contact-support); for details on the duration of support provided with your product purchase, refer to [www.hp.com/networking/warrantysummary](http://www.hp.com/networking/warrantysummary)
- **Software releases:** to find software for your product, refer to [www.hp.com/networking/support](http://www.hp.com/networking/support); for details on the software releases available with your product purchase, refer to [www.hp.com/networking/warrantysummary](http://www.hp.com/networking/warrantysummary)



### Technical Specifications

HP X125 1G SFP LC LH70 Transceiver (JD063B)	Ports	1 LC 1000BASE-LH port (no IEEE standard exists for 1550 nm optics)	
	Connectivity	Connector type	LC
Physical characteristics	Wavelength	1550 nm	
	Dimensions	2.17(d) x 0.6(w) x 0.46(h) in. (5.51 x 1.52 x 1.17 cm)	
	Full configuration weight	0.04 lb. (0.02 kg)	
Environment	Transceiver form factor	SFP	
	Operating temperature	32°F to 158°F (0°C to 70°C)	
	Operating relative humidity	0% to 85%	
	Nonoperating/Storage temperature	-40°F to 185°F (-40°C to 85°C)	
	Nonoperating/Storage relative humidity	0% to 85%	
Electrical characteristics	Altitude	up to 10,000 ft. (3 km)	
	Power consumption typical	0.8 W	
	Power consumption maximum	1.0 W	
Cabling	Cable type:	Single-mode fiber optic, complying with ITU-T G.652;	
	Maximum distance:	• 70km	
Services	Fiber type	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.	



### Technical Specifications

<b>HP X125 1G SFP RJ45 T Transceiver (JD089B)</b>  A small form factor pluggable (SFP) Gigabit 1000Base-T transceiver that provides a full duplex Gigabit solution up to 100m on a Cat-5+ cable.	<b>Ports</b>	1 RJ-45 1000BASE-T port (IEEE 802.3ab Type 1000BASE-T)	
	<b>Connectivity</b>	<b>Connector type</b>	RJ-45
	<b>Physical characteristics</b>	<b>Dimensions</b>	2.71 (d) x 0.54 (w) x 0.55 (h) in. (6.88 x 1.37 x 1.4 cm)
	<b>Electrical characteristics</b>	<b>Full configuration weight</b>	0.07 lb. (0.03 kg)
		<b>Power consumption typical</b>	0.8 W
		<b>Power consumption maximum</b>	1.0 W
	<b>Cabling</b>	<b>Cable type:</b>	1000BASE-T: Category 5 (5E or better recommended), 100 Ω differential 4-pair unshielded twisted pair (UTP) or shielded twisted pair (STP) balanced, complying with IEEE 802.3ab 1000BASE-T;
		<b>Maximum distance:</b>	<ul style="list-style-type: none"><li>• 100m</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.

To learn more, visit [www.hp.com/networking](http://www.hp.com/networking)

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