



Overview

HP X125 1G SFP Transceivers

Models

HP X125 1G SFP LC LH70 Transceiver	JD063B
HP X125 1G SFP RJ45 T Transceiver	JD089B

Key features

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

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.

Features and benefits

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; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary.
- **Software releases:** to find software for your product, refer to www.hp.com/networking/support; for details on the software releases available with your product purchase, refer to www.hp.com/networking/warrantysummary.

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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)
		Transceiver form factor SFP
Environment	Operating temperature	32°F to 158°F (0°C to 70°C)
	Operating relative humidity	0% to 85%

	Electrical characteristics	Nonoperating/Storage temperature	-40°F to 185°F (-40°C to 85°C)
		Nonoperating/Storage relative humidity	0% to 85%
		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;		
Services	Maximum distance: • 70km		
	Fiber type	Single Mode	
	Refer to the HP website at www.hp.com/networking/services 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.		

HP X125 1G SFP RJ45 T Transceiver (JD089B) 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.	Ports	1 RJ-45 1000BASE-T port (IEEE 802.3ab Type 1000BASE-T)		
	Connectivity	Connector type	RJ-45	
	Physical characteristics	Dimensions	2.71(d) x 0.54(w) x 0.55(h) in. (6.88 x 1.37 x 1.4 cm)	
		Full configuration weight	0.07 lb. (0.03 kg)	
	Electrical characteristics	Power consumption typical	0.8 W	
Cabling	Power consumption maximum	1.0 W		
	Cable type: 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;			
	Maximum distance: • 100m			
Services	Refer to the HP website at www.hp.com/networking/services 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

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