

Overview

HPE 10GbE cI Modules

Models

10-G Transceivers	HP X131 10G X2 SC SR Transceiver	J8436A
	HP X131 10G X2 SC LR Transceiver	J8437A

Technical Specifications

HP X131 10G X2 SC SR Transceiver (J8436A)	Ports	1 SC 10-GbE port (IEEE 802.3ae Type 10GBASE-SR); Duplex: full only
	Connectivity	Connector type SC
HPE X131 10G X2 SC SR Transceiver: An X2 format 10-gigabit transceiver with SC connectors using SR technology.	Physical characteristics	Wavelength 850 nm
		Dimensions 1.42(w) x 3.48(d) x 0.43(h) in (3.61 x 8.84 x 1.09 cm)
	Environment	Weight 0.35 lb. (0.16 kg)
		Transceiver form factor X2
		Operating temperature 32°F to 158°F (0°C to 70°C)
		Operating relative humidity 0% to 95%, noncondensing
		Nonoperating/Storage temperature -40°F to 185°F (-40°C to 85°C)
		Nonoperating/Storage relative humidity 0% to 95%, noncondensing
	Electrical characteristics	Altitude up to 10,000 ft. (3 km)
		Power consumption typical 1.7 W
Power consumption maximum 2.4 W		
Cabling	<p>Cable type:: 62.5/125 μm or 50/125 μm (core/cladding) graded-index, low metal content, multimode fiber optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively;</p> <p>Maximum distance:</p> <ul style="list-style-type: none"> • 2-26m with 62.5 μm multimode cable @ 160 MHz*km • 2-33m with 62.5 μm multimode cable @ 200 MHz*km • 2-66m with 50 μm multimode cable @ 400 MHz*km • 2-82m with 50 μm multimode cable @ 500 MHz*km • 2-300m with 50 μm multimode cable @ 2000 MHz*km 	
	Cable length	2-300m
	Fiber type	Multi Mode
Notes	For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. Angled Physical Contact (APC) is not recommended.	
Services	Refer to the Hewlett Packard Enterprise website at http://www.hpe.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 Hewlett Packard Enterprise sales office.	

Technical Specifications

Transceiver (J8437A) An X2 form-factor transceiver that supports the 10-Gigabit LR standard, providing 10-Gigabit connectivity up to 10 km on single-mode fiber.	Connectivity	Connector type	SC
	Physical characteristics	Wavelength	1310 nm
Environment	Dimensions	1.42(w) x 3.48(d) x 0.43(h) in (3.61 x 8.84 x 1.09 cm)	Weight
Electrical characteristics	Transceiver form factor		X2
Cabling	Operating temperature	32°F to 104°F (0°C to 40°C)	Operating relative humidity
Notes	Nonoperating/Storage temperature		-40°F to 185°F (-40°C to 85°C)
Services	Altitude	up to 10,000 ft. (3 km)	Power consumption typical
	Power consumption maximum	2 W	Power consumption maximum
	Cable type: Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1;	3 W	Cable length 2m to 10km with 9/125 μm single-mode cable
		Fiber type Single Mode	
	Maximum distance: <ul style="list-style-type: none"> • 10 km 		Notes Conditioning patch cord cables are not supported For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. Angled Physical Contact (APC) is not recommended
		Services Refer to the Hewlett Packard Enterprise website at http://www.hpe.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 Hewlett Packard Enterprise sales office.	

Summary of Changes

Date	Version History	Action	Description of Change
27-May-2016	From Version 8 to 9	Changed	Product description updated.
05-May-2015	From Version 7 to 8	Deleted	SKUs deleted: J8435A, J8434A, J8440C, J8438A
09-Oct-2014	From Version 6 to 7	Deleted	SKU J8439A deleted
		Changed	Technical Specifications revised
15-Apr-2011	From Version 5 to 6	Changed	The QS was completely revised.
30-May-2008	From Version 4 to 5	Changed	The Technical Specifications were completely revised.
01-Dec-2007	From Version 3 to 4	Changed	The Technical Specifications were completely revised.
12-Jan-2007	From Version 2 to 3	Changed	Changed "Used with the following" for J8440B.
15-Nov-2006	From Version 1 to 2	Changed	Corrected the Dimensions for J8435A and the Notes for both J8435A and J8434A.



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