

# QuickSpecs

## HPE 10GbE cI Modules

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### Overview

### HPE 10GbE cI Modules

#### Models

<b>10-G Transceivers</b>	HP X131 10G X2 SC SR Transceiver	J8436A
	HP X131 10G X2 SC LR Transceiver	J8437A

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## Technical Specifications

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

## Technical Specifications

<b>Transceiver</b> (J8437A)	<b>Connectivity</b>	<b>Connector type</b>	SC
		<b>Wavelength</b>	1310 nm
An X2 form-factor transceiver that supports the 10-Gigabit LR standard, providing 10-Gigabit connectivity up to 10 km on single-mode fiber.	<b>Physical characteristics</b>	<b>Dimensions</b>	1.42(w) x 3.48(d) x 0.43(h) in (3.61 x 8.84 x 1.09 cm)
		<b>Weight</b>	0.35 lb. (0.16 kg)
	<b>Environment</b>	<b>Transceiver form factor</b>	X2
		<b>Operating temperature</b>	32°F to 104°F (0°C to 40°C)
		<b>Operating relative humidity</b>	15% to 95%, noncondensing
		<b>Nonoperating/Storage temperature</b>	-40°F to 185°F (-40°C to 85°C)
	<b>Electrical characteristics</b>	<b>Altitude</b>	up to 10,000 ft. (3 km)
		<b>Power consumption typical</b>	2 W
		<b>Power consumption maximum</b>	3 W
	<b>Cabling</b>	Cable type: Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1;	
Maximum distance:			
<ul style="list-style-type: none"> <li>• 10 km</li> </ul>			
<b>Cable length</b>		2m to 10km with 9/125 μm single-mode cable	
	<b>Fiber type</b>	Single Mode	
<b>Notes</b>	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		
<b>Services</b>	Refer to the Hewlett Packard Enterprise website at <a href="http://www.hpe.com/networking/services">http://www.hpe.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 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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