QuickSpecs

Overview

Models

HP BladeSystem c-Class 40Gb QSFP+ MPO SR4 100m Transceiver HP BladeSystem c-Class 40Gb QSFP+ MPO SR4 300m Transceiver HP BladeSystem c-Class 40Gb QSFP+ LC LR4 Transceiver HP BladeSystem c-Class 4x10G QSFP+ MPO SR4 100m Transceiver HPE 40Gb QSFP+ Bidirectional Transceiver 720187-B21 747698-B21 720190-B21 805755-B21 841716-B21



Technical Specifications

	Ports1 MPO 40-GbE port (IEEE 802.3ba Type 40Gbase-SR4)			
Class 40Gb QSFP+	Connectivity	Connector type	MPO	
MPO SR4 100m		Wavelength	850 nm	
(720187-B21)	Physical	Dimensions	5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm)	
	characteristics	Weight	0.08 lb. (35 g)	
A 40-Gigabit		Transceiver form factor	QSFP+	
transceiver in QSFP+	Environment	Operating temperature	32°F to 158°F (0°C to 70°C)	
form-factor that		Operating relative humidity	0% to 85%, noncondensing	
Gigabit SR standard,		Nonoperating/Storage temperature	-40°F to 185°F (-40°C to 85°C)	
connectivity up to	Electrical	Voltage Supply	3.3	
100m on multi-mode fiber.	characteristics	Power consumption maximum	1.5 W	
	Cabling	Cable type	OM3, OM4	
		Cable length	Up to 100m (OM3); up to 150m (OM4)	
		Fiber type	Multi-mode	
	Notes	For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polisł Angled Physical Contact (APC) is not recommended.		
	Services	Refer to the Hewlett Packard Enterprise website at: http://www.hp.com/services/bladesystem 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.		
HPE BladeSystem c	Dorts	1 MPO 40-GbE port (IFEE 802		
-	FVIIS		2.3Da Type 4UGbase-SR4)	
Class 40Gb QSFP+	Connectivity	Connector type	MPO	
Class 40Gb QSFP+ MPO SR4 300m	Connectivity	Connector type Wavelength	MPO 850 nm	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21)	Connectivity Physical characteristics	Connector type Wavelength Dimensions Weight	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm)	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit	Connectivity Physical characteristics	Connector type Wavelength Dimensions Weight Transceiver form factor	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) OSEP+	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit transceiver in QSFP+	Connectivity Physical characteristics	Connector type Wavelength Dimensions Weight Transceiver form factor	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) QSFP+ 32°E to 158°E (0°C to 70°C)	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit transceiver in QSFP+ form-factor that	Connectivity Physical characteristics Environment	Connector type Wavelength Dimensions Weight Transceiver form factor Operating temperature	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) QSFP+ 32°F to 158°F (0°C to 70°C) 0% to 85% poncondensing	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10-	Connectivity Physical characteristics Environment	Connector type Wavelength Dimensions Weight Transceiver form factor Operating temperature Operating relative humidity	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) QSFP+ 32°F to 158°F (0°C to 70°C) 0% to 85%, noncondensing (0°E to 185°E (40°C to 85°C)	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10- Gigabit SR standard, praviding (0 Gigabit	Connectivity Physical characteristics Environment	Connector type Wavelength Dimensions Weight Transceiver form factor Operating temperature Operating relative humidity Non-operating/Storage temperature	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) QSFP+ 32°F to 158°F (0°C to 70°C) 0% to 85%, noncondensing -40°F to 185°F (-40°C to 85°C)	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10- Gigabit SR standard, providing 40-Gigabit connectivity up to	Connectivity Physical characteristics Environment	Connector type Wavelength Dimensions Weight Transceiver form factor Operating temperature Operating relative humidity Non-operating/Storage temperature Voltage Supply	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) QSFP+ 32°F to 158°F (0°C to 70°C) 0% to 85%, noncondensing -40°F to 185°F (-40°C to 85°C) 3.3	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10- Gigabit SR standard, providing 40-Gigabit connectivity up to 300m on using standard MPO	Connectivity Physical characteristics Environment Electrical characteristics	Connector type Wavelength Dimensions Weight Transceiver form factor Operating temperature Operating relative humidity Non-operating/Storage temperature Voltage Supply Power consumption maximum	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) QSFP+ 32°F to 158°F (0°C to 70°C) 0% to 85%, noncondensing -40°F to 185°F (-40°C to 85°C) 3.3 1.5 W	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10- Gigabit SR standard, providing 40-Gigabit connectivity up to 300m on using standard MPO connector with multi-	Connectivity Physical characteristics Environment Electrical characteristics Cabling	Connector type Wavelength Dimensions Weight Transceiver form factor Operating temperature Operating relative humidity Non-operating/Storage temperature Voltage Supply Power consumption maximum Cable type	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) QSFP+ 32°F to 158°F (0°C to 70°C) 0% to 85%, noncondensing -40°F to 185°F (-40°C to 85°C) 3.3 1.5 W OM3, OM4	
Class 40Gb QSFP+ MPO SR4 300m Transceiver (747698-B21) A 40-Gigabit transceiver in QSFP+ form-factor that supports the 4x10- Gigabit SR standard, providing 40-Gigabit connectivity up to 300m on using standard MPO connector with multi- mode fiber.	Connectivity Physical characteristics Environment Electrical characteristics Cabling	Connector type Wavelength Dimensions Weight Transceiver form factor Operating temperature Operating relative humidity Non-operating/Storage temperature Voltage Supply Power consumption maximum Cable type Cable length	MPO 850 nm 5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm) 0.08 lb. (35 g) QSFP+ 32°F to 158°F (0°C to 70°C) 0% to 85%, noncondensing -40°F to 185°F (-40°C to 85°C) 3.3 1.5 W OM3, OM4 Up to 300m (OM3); up to 400m (OM4)	

_

Technical Specif	fications			
	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.hp.com/services/bladesystem 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.		
HPE BladeSystem c-	Ports	2 LC, 40-GbE port (IEEE 802.3ba Type 40Gbase-LR4)		
Class 40Gb QSFP+	Connectivity	Connector type	LC	
LC LR4 Transceiver		Wavelength	1310 nm	
(720190-821)	Physical	Dimensions	5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm)	
A 40-Gigabit	characteristics	Weight	0.08 lb. (35 g)	
transceiver in QSFP+		Transceiver form factor	QSFP+	
form-factor that	Environment	Operating temperature	32°F to 158°F (0°C to 70°C)	
supports the 4x10-		Operating relative humidity	✔ 0% to 85%, noncondensing	
Gigabit LR standard,		Non-operating/Storage	-40°F to 185°F (-40°C to 85°C)	
connectivity up to		temperature		
10km on single-mode		Voltage Supply	3.3	
fiber.	Electrical characteristics	Power consumption maximum	1.5 W	
		Cable type	Single Mode Fiber (SMF)	
	Cabling	Maximum link length	up to 10km on SMF	
		Fiber type	Single-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.hp.com/services/bladesystem for details on the service-level descriptions and product numbers. For details about services and response times ir your area, please contact your local Hewlett Packard Enterprise sales office.		
HPE BladeSystem c-	HPE BladeSystem c- Ports 1 MPO 40-GbE port (IEEE 8023ba Type 40Gbase-SR4)		2.3ba Type 40Gbase-SR4)	
Class 4x10G QSFP+	Connectivity	Connector type	МРО	
MPO SR4 100m		Wavelength	850 nm	
Transceiver (805755-B21)	Physical	Dimensions	5.19(d) x 0.72(w) x 0.54(h) in. (13.18 x 1.835 x 1.371cm)	
(003733 B21)	characteristics	Weight	0.08 lb. (35 g)	
A 40-Gigabit		Transceiver form factor	QSFP+	
transceiver in QSFP+	Environment	Operating temperature	32°F to 158°F (0°C to 70°C)	
form-factor that		Operating relative humidity	$m{v}$ 0% to 85%, noncondensing	
provides 4x10Gb connections using		Non-operating/Storage temperature	-40°F to 185°F (-40°C to 85°C)	
	Electrical	Voltage Supply	3.3	

Technical Specifications

Breakout Cable. This transceiver is designed only for use with HPE Virtual Connect FlexFabric 20/40 F8 Module.	characteristics	Power consumption maximum	1.5 W
	Cabling	Cable type	OM3, OM4
		Cable length	Up to 100m (OM3); up to 150m (OM4)
		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.hp.com/services/bladesystem for details on the service-level	
		descriptions and product num your area, please contact your	bers. For details about services and response times in local Hewlett Packard Enterprise sales office.

HPE 40Gb QSFP+	Ports	Duplex LC 40GbE	
Bidirectional	Connectivity	Connector type	LC
Transceiver (841716-B21)		Wavelength	850/900 nm
	Physical	Dimensions	7.13(d) x 0.72(w) x 0.33(h) in. (12.18 x 1.84 x 0.85cm)
A 40-Gigabit	characteristics	Weight	0.08 lb. (35 g)
transceiver in QSFP+		Transceiver form factor	QSFP+
form-factor that	Environment	Operating temperature	50°F to 158°F (10°C to 70°C)
fiber optic		Operating relative humidity	0% to 85%, noncondensing
connections.		Non-operating/Storage temperature	-40°F to 185°F (-40°C to 85°C)
	Electrical	Voltage Supply	3.3
	characteristics	Power consumption maximum	3.5 W
	Cabling	Cable type	OM3, OM4
		Cable length	Up to 100m
		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.hp.com/service descriptions and product num your area, please contact your	s/bladesystem for details on the service-level bers. For details about services and response times in local Hewlett Packard Enterprise sales office.

Summary of Changes

Date	Version History	Action	Description of Change
31-March-2016	From Version 3 to 4	Changed	Overview and Technical Specifications section were updated.
		Added	SKU added in Overview section:
			841716-B21
11-Dec-2015	From Version 2 to 3	Changed	Technical Specifications section was updated.
			QuickSpecs title was updated.
28-Sep-2015	From Version 1 to 2	Changed	Overview and Technical Specifications sections were updated.



★ Rate this document

© Copyright 2016 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

To learn more, visit:

http://h18004.www1.hp.com/products/blades/components/c-classinterconnects.html

c04312725 - 14980 - Worldwide - V4 - 31-March-2016

