



This document lists the OEM-branded versions of Emulex adapters. If you require information on interoperability, go to [www.emulex.com/interop/matrix/index.jsp?partNbrld=119#](http://www.emulex.com/interop/matrix/index.jsp?partNbrld=119#)

## LightPulse® Fibre Channel Host Bus Adapters

	Speed	I/O Bus	Fibre Channel Ports	Ethernet Ports	Windows	Linux	VMware	Other OS	Notes	Emulex Standard	Cisco	Dell	EMC	Fujitsu	Fujitsu Technology Systems	HP	IBM	NetApp	Oracle			
Fibre Channel	16GFC	PCI Express 2.0	Single	N/A	✓	✓				LPe16000-M6												
			Dual	N/A	✓	✓					LPe16002-M6											
	8Gb/s		Single	N/A	✓	✓	✓	✓			LPe12000-M8		LPe12000-E	LPe12000-E <sup>25</sup>			P# AJ762A M# 81E	42D0485	X1096A-R6	SG-XPCIE1FC-EM8-Z		
			Dual	N/A	✓	✓	✓	✓			LPe12002-M8	N2XX-AEPCI05	LPe12002-E	LPe12002-E <sup>25</sup>		LPe12002-M8-F / LPe12002L-M8-F	P# AJ763A M# 82E	42D0494	X1097A-R6	SG-XPCIE2FC-EM8-Z		
			Dual	N/A	✓	✓	✓	✓		Long wave optical transceivers	LPe12002-X8											
			Quad	N/A	✓	✓	✓	✓			LPe12004-M8								5729			
			Single	N/A	✓	✓	✓	✓			LPe1250-M8				LPe1250-E <sup>27</sup>		LPe1250-F8-F / LPe1250L-F8-F					
			Dual	N/A	✓	✓	✓	✓						LPe1205-M <sup>24</sup>		MC-FC82E (LPe1205-F Blade)						
			Dual	N/A	✓	✓			✓	HP BladeSystem <sup>21</sup>	LPe1205-HP							456972-B21				
			Dual	N/A	✓	✓			✓	IBM BladeCenter <sup>22</sup>	LPe1205-CIOv								46M6140			
			32 16 int. / 16 ext.	N/A	N/A	N/A	N/A	N/A	N/A	8GB/s Pass Through Module for Dell PowerEdge M1000e Blade Servers				8/4Gbps Pass- through Module								
			4Gb/s	Single	N/A	✓	✓	✓	✓			LPe11000-M4				LPe11000-E <sup>25</sup>	LPe11000-M4-FJ			42C2069	X1091A-R6	SG-XPCIE1FC-EM4
	Dual			N/A	✓	✓	✓	✓			LPe11002-M4	N2XX-AEPCI03	LPe11002-E	LPe11002-E <sup>25</sup>	LPe11002-M4-FJ	LPe11002L-M4-F / LPe11002L-M4-F	M# FC2242SR <sup>2,5</sup> P# A8003A	42C2071	X1092A-R6	SG-XPCIE2FC-EM4		
	Quad			N/A	✓	✓	✓	✓			LPe11004-M4											
	Single			N/A	✓	✓	✓				LPe1150-F4		LPe1150-E	LPe1150-E <sup>27</sup>	LPe1150-F4-FJ	LPe1150-F4-F / LPe1150L-F4-F	M# FC2142SR P# A8002A					
	Dual			N/A	✓	✓	✓	✓		HP BladeSystem c-Class <sup>8</sup>	LPe1105-HP							P# 403621-B21				
	Single			N/A	✓	✓					LPe111				LPe111-E <sup>25</sup>		LPe1111-F / LPe1111L-F			X1098A-R6		
	Single			N/A					✓	Integrity & Superdome <sup>2</sup>								P# AD299A <sup>2</sup>				
	Dual			1					✓	Integrity & Superdome <sup>2</sup>								P# AD255A <sup>2</sup>				
	Single			2					✓	Integrity <sup>7</sup>								P# AD221A <sup>7</sup>				
Dual	2						✓	Integrity <sup>7</sup>								P# AD222A <sup>7</sup>						
Dual	N/A						✓	Integrity <sup>7</sup>								P# AD393A <sup>7</sup>						
Dual	2	✓		✓	✓	✓		Sun Blade <sup>9</sup>	LPem11002-S										SG-XPCIE2FC-EB4-Z			
Dual	N/A	✓		✓	✓	✓		Sun Blade <sup>9</sup>	LPem11002E-S										SG-XPCIE2FCGBE-E-Z			
20	N/A	✓		✓	✓	✓		Sun Blade <sup>10</sup>	LPe11020-S										SG-XPCIE20FC-NEM-Z			
Dual	N/A	✓		✓	✓			Sun Netra <sup>11</sup>	LPeA11002-S										SG-XPCIE2FC-ATCA-Z			
Dual	N/A	✓		✓	✓			See footnotes <sup>15</sup>	LPe1105-M4			LPe1105-M4			BX600-FC42E (LPe1105-F Blade)			X1093A-R6				
PCI-X 2.0 / PCI-X	Single	N/A		✓	✓	✓	✓			LP11000-M4				LP11000-E <sup>25</sup>	LP11000-M4-FJ	LP11000		42D0405	X1086A-R6	SG-XPC1FC-EM4-Z		
	Dual	N/A		✓	✓	✓	✓			LP11002-M4			LP11002-E	LP11002-E <sup>25</sup>	LP11002-M4-FJ			42D0407	X1087A-R6	SG-XPC2FC-EM4-Z		
	Single	N/A	✓	✓	✓				LP1150-F4			LP1150-E	LP1150-E <sup>27</sup>					LP1150				

### Options

Part Number	Description
LPe12100-OPT	8Gb/s Spare Optic (short wave laser with LC connector SFP+ optic) - 1 pack

<sup>1</sup> HP 9000 & Integrity (MSA, EVA, XP)

<sup>2</sup> Integrity: rx2660, rx3600, rx6600 (MSA, EVA, XP), rx7640, rx8640, Superdome; HP-UX, OpenVMS

<sup>3</sup> Alpha: Tru64 and OVMS

<sup>4</sup> HP 9000 & Integrity (VA, XP)

<sup>5</sup> ProLiant (HSG80, MSA, EVA, XP)

<sup>6</sup> ProLiant (MSA, EVA, XP)

<sup>7</sup> Integrity RX2660, RX3600, RX6600; HP-UX

<sup>8</sup> HP BladeSystem c-Class BL460c, BL465c, BL480c, BL685c

<sup>9</sup> Sun Blade 6000/8000 Modular System

<sup>10</sup> Sun Blade 8000 Modular System

<sup>11</sup> Sun Netra ATCA Carrier Grade Servers

<sup>12</sup> Solaris (Leadville) Qualification Coming Soon

<sup>13</sup> VMware and Solaris EMC qualification Coming Soon

<sup>14</sup> For Dell PowerEdge 1855 & 1955 Blade Server

<sup>15</sup> For Dell PowerEdge M600, M805 & M905 systems

<sup>16</sup> -C for copper & -M for optical

<sup>17</sup> For IBM BladeCenter

<sup>18</sup> For BL20p G3/G4, 25p G2, 45p G2 HP BladeSystem p-Class

<sup>19</sup> For BL25p, 30p, 35p, 45p HP BladeSystem p-Class

<sup>20</sup> Server Proven for x3650, x3655, x3755

<sup>21</sup> For HP BladeSystem B260c, BL46Xc, BL480c, BL445c, BL68Xc, BL806c, BL870c; HP-UX

<sup>22</sup> For IBM BladeCenter HS22, HS22V, HX5

<sup>23</sup> For reference sell with HP ProLiant DL160-G5, DL185-G5, DL320-G5P, DL380-G5, DL580-G5, DL585-G2

<sup>24</sup> For PowerEdge M1000e blade server

<sup>25</sup> CLARiiON CX & FC Series, Symmetrix DMX & 8000 Series, VNXe 3000 Family, VNX 5000/7000, VMAX Series

<sup>26</sup> CLARiiON CX & FC Series, Symmetrix DMX 8000 Series and Celerra storage systems, VNXe 3000 Family, VNX 5000/7000, VMAX Series

<sup>27</sup> CLARiiON CX, AX & FC Series, Celerra NS20FC, Symmetrix DMX & 8000 Series, VNXe 3000 Family, VNX 5000/7000, VMAX Series



## OneConnect Universal Converged Network Adapters (UCNAs) and LightPulse Converged Network Adapters (CNAs): Multifunction adapters for network and storage traffic

### Ethernet Adapters

Speed	I/O Bus	Ethernet Ports	Windows	Linux	VMware	Other OS	Controller Technology	Notes	Emulex Standard	Cisco	Dell	EMC	Fujitsu	Fujitsu Technology Solutions	NetApp	HP	IBM
10Gb/s	PCI Express 2.0	2	✓	✓	✓	✓	BE3		OCe11102-NM <sup>5</sup>							P# 614203-B21 <sup>3</sup> M# NC552SFP	49Y7950 <sup>8,10,24</sup>
		2	✓	✓	✓	✓	BE3		OCe11102-NX <sup>6</sup>							P# 614203-B21 <sup>3</sup> M# NC552SFP	49Y7950 <sup>8,10,24</sup>
		2	✓	✓	✓	✓	BE3		OCe11102-NT <sup>5</sup>								
		2	✓	✓	✓	✓	BE2		OCe10102-NM <sup>5</sup>							P# 581201-B21 <sup>2</sup> M# NC550SFP	49Y4250 <sup>8,10</sup>
		2	✓	✓	✓	✓	BE2		OCe10102-NX <sup>6</sup>							P# 581201-B21 <sup>2</sup> M# NC550SFP	49Y4250 <sup>8,10</sup>
		2	✓	✓	✓	✓	BE3	Mezzanine card form factor								P# 610609-B21 <sup>16</sup> M# NC552m	90Y3550 <sup>8,9,17</sup>
		2	✓	✓	✓	✓	BE2	Mezzanine card form factor								P# 581204-B21 <sup>4,11</sup> M# NC550m	49Y4235 <sup>8,9,17</sup>

### iSCSI Adapters

Speed	I/O Bus	Ethernet Ports	Windows	Linux	VMware	Other OS	Controller Technology	Notes	Emulex Standard	Cisco	Dell	EMC	Fujitsu	Fujitsu Technology Solutions	NetApp	HP	IBM	
10Gb/s	PCI Express 2.0	2	✓	✓	✓	✓	BE3		OCe11102-IM <sup>5</sup>		A5216407							
		2	✓	✓	✓	✓	BE3		OCe11102-IX <sup>6</sup>									
		2	✓	✓	✓	✓	BE3		OCe11102-IT <sup>5</sup>									
		2	✓	✓	✓	✓	BE2		OCe10102-IM <sup>5</sup>		A3319852		OCe10102-IM-E <sup>5,18</sup>					
		2	✓	✓	✓	✓	BE2		OCe10102-IX <sup>6</sup>		A3319855		OCe10102-IX-E <sup>5,18</sup>					
		2 <sup>8</sup>	✓	✓	✓	✓	BE3	Mezzanine card form factor										90Y3566 <sup>8,9</sup> 49Y4265 <sup>8,9,25</sup>
		2 <sup>8</sup>	✓	✓	✓	✓	BE2	Mezzanine card form factor										49Y4275 <sup>8,9</sup>

### FCoE Adapters

Speed	I/O Bus	Ethernet Ports	Windows	Linux	VMware	Other OS	Controller Technology	Notes	Emulex Standard	Cisco	Dell	EMC	Fujitsu Technology Solutions	Hitachi Data Systems	NetApp	HP	IBM	
10Gb/s	PCI Express 2.0	2	✓	✓	✓	✓	BE3		OCe11102-FM <sup>5</sup>							P# BK835A <sup>21</sup> M# CN1100E	49Y4274 <sup>24</sup>	
		2	✓	✓	✓	✓	BE3		OCe11102-FX <sup>6</sup>							P# BK835A <sup>21</sup> M# CN1100E	49Y4274 <sup>24</sup>	
		2	✓	✓	✓	✓	BE2		OCe10102-FM <sup>5,13</sup>		J650T <sup>13</sup>		OCe10102-FM-E <sup>5,18</sup>	OCe10102-F <sup>13</sup>	OCe10102-FM	X1118A-R6 <sup>13</sup>	P# AW520A <sup>6</sup> M# CN1000E	49Y4275 <sup>8,9</sup>
		2	✓	✓	✓	✓	BE2		OCe10102-FX <sup>6</sup>	N2XX-AEPCIO1	J650T		OCe10102-FX-E <sup>5,18</sup>	OCe10102-F	OCe10102-FX	X1119A-R6	P# AW520A <sup>6</sup> M# CN1000E	49Y4275 <sup>8,9</sup>
		2	✓	✓	✓	✓	BE3	Mezzanine card form factor									P# 613431-B21 <sup>19</sup> M# NC553m	90Y3566 <sup>8,9</sup> 49Y4265 <sup>8,9,25</sup>
		2	✓	✓	✓	✓	BE3	Mezzanine card form factor									P# N/A <sup>22</sup> M# NC553i	
		2	✓	✓	✓	✓	BE2	Mezzanine card form factor			N20-AE0102	K872T <sup>14</sup>					P# 580151-B21 <sup>20</sup> M# NC551m	
	2	✓	✓	✓	✓	BE2	Mezzanine card form factor									P# N/A <sup>23</sup> M# NC551i		
	PCI Express 1.1		✓	✓	✓	✓			LP2105-CI	N20-AE0002								

1 -C for copper & -M for optical  
2 HP ProLiant DL G6 servers: DL160, DL160se, DL170h, DL180, DL320, DL360, DL370, DL380, DL385, DL585, DL785;  
HP ProLiant DL G7 servers: DL165, DL360, DL380, DL385, DL580, DL585, DL980;  
HP ProLiant ML G6 servers: ML330, ML350, ML370;  
HP ProLiant SL G6 servers: SL160z, SL165z, SL170s, SL170z, SL2x170z;  
HP ProLiant SL G7 servers: SL165z, SL390s  
3 HP ProLiant DL G6 servers: DL160, DL160se, DL170e, DL170h, DL180, DL320, DL370;  
HP ProLiant ML G6 servers: ML330, ML350, ML370;  
HP ProLiant SL G6 servers: SL160s, SL160z, 170s, SL170z, SL2x170z  
4 HP ProLiant BL G5 servers: BL680c;  
HP ProLiant BL G6 servers: BL280c, BL2x220c, BL460c, BL465, BL490c, BL495c, BL685;  
HP ProLiant BL G7 servers: BL465c, BL685c  
5 M Optical, X Copper; T 10GBASE-T  
6 HP ProLiant G5/G6 servers: DL120, DL160, DL165, DL180, DL185, DL320 G5p, DL360, DL365, DL380, DL385 G5p, DL580, DL585, DL785;  
HP ProLiant G6 servers: DL160, DL165, DL180, DL320, DL360, DL380, DL385, DL585, DL785, ML350, DL/ML370  
7 IBM BladeCenter HS12, HS21, HS21XM, LS22, LS42, JS12, JS22  
8 8 Virtual Ethernet Ports in Virtual Fabric Solution  
9 IBM BladeCenter HS22, HS22V, HX5  
10 Integrated into models of IBM system x3850 X5, x3650 M3, x3550 M3, x3690 X5  
11 HP Flex10 Support  
12 Reference Sell for HP ProLiant DL160-G5, DL185-G5, DL320-G5P, DL380-G5, DL580-G5, DL585-G2  
13 No optics  
14 Dell PowerEdge M1000e (blade server)  
15 HP ProLiant AMD G7 Servers: BL465c, BL685c; supports FCoE, TCP/IP, TOE, iSCSI  
16 HP ProLiant BL G6 servers: BL2x220c, BL280c, BL460c, BL465, BL490c, BL495c, BL685;  
HP ProLiant BL G7 servers: BL460c, BL465c, BL490c, BL685c, BL620c, BL680c;  
HP Integrity i2 servers: BL860c, BL870c, BL890c  
17 Upgradeable to support storage protocols with p/n 49Y4265  
18 CLARION CX & FC Series, Symmetrix DMX & 8000 Series, VNXe 3000 Family, VNX 5000/7000, VMAX Series  
19 HP ProLiant BL G6 Servers: BL2x220c, BL280c, BL460c, BL465c, BL490c, BL495c, BL685c;  
HP ProLiant BL G7 servers: BL460c, BL465c, BL490c, BL620c, BL680c, BL685c  
20 HP ProLiant BL G6 servers: BL2x220c, BL280c, BL460c, BL465c, BL490c, BL495c, BL685c;  
HP ProLiant BL G7 servers: BL465c, BL685c;  
HP Integrity i2 servers: BL860c, BL870c, BL890c  
21 HP ProLiant G6 servers: DL160, DL165, SL2x170z, DL170, DL180, DL320, DL360, DL380, DL385, DL585, ML350, DL/ML370;  
HP ProLiant G7 servers: DL165, SL165z, DL360, DL380, DL385, DL580, DL585, DL980  
22 Integrated into HP ProLiant Intel G7 servers: BL460c, BL490c  
23 Integrated into HP ProLiant AMD G7 servers: BL465c, BL685c  
24 IBM P/N 49Y4274 is a 'pay as you go' upgrade for 49Y7950 or the integrated VFA II for select IBM Sys x models  
25 IBM P/N 49Y4265 is a 'pay as you go' upgrade for 90Y3550 and 49Y4235