






# HPE-branded Cavium Product Portfolio - Fibre Channel

[http://cavium.com/HPE/Documents/lc\\_CaviumProductPortfolio.pdf](http://cavium.com/HPE/Documents/lc_CaviumProductPortfolio.pdf)

Product Category	HPE Model	HPE P/N	Cavium Model	Ports	Port Speed	Form Factor	HPE Smart SAN Support	HPE Server Compatibility
 HPE Synergy Adapters	HPE Synergy 3830C 16Gb Fibre Channel Adapter	777452-B21	QMH2682	Dual	16Gb	PCIe 3.0 Type C Mezz	Yes	HPE Synergy Gen9, Gen10
	 Gen 5 (16Gb) FC HBAs	HPE StoreFabric SN1100Q 16Gb 1-port PCIe Fibre Channel HBA	P9D93A	QLE2690-HP		Single		PCIe 3.0
	HPE StoreFabric SN1100Q 16Gb 2-port PCIe Fibre Channel HBA	P9D94A	QLE2692-HP	Dual				
 Gen 6 (32Gb) FC HBAs	HPE StoreFabric SN1600Q 32Gb 1-port PCIe Fibre Channel HBA	P9M75A	QLE2740-HP	Single	32Gb			
		HPE StoreFabric SN1600Q 32Gb 2-port PCIe Fibre Channel HBA	P9M76A	QLE2742-HP		Dual		
 HPE BladeSystem FC Adapters	HPE QMH2672 16Gb FC HBA for BladeSystem c-Class	710608-B21	QMH2672	Dual	16Gb	PCIe 3.0 Type A Mezz	Limited	HPE BladeSystem Gen9, Gen10
		HPE QMH2572 8Gb FC HBA for HPE BladeSystem c-Class	651281-B21	QMH2572	8Gb	PCIe 2.0, Type A Mezz		HPE BladeSystem Gen8, Gen9
		QLogic QMH2562 8Gb FC HBA for HPE c-Class BladeSystem	451871-B21	QMH2562				
 8Gb FC HBAs	HPE 81Q PCIe FC HBA Single Port	AK344A	QLE2560-HP	Single	8Gb	PCIe 2.0	Limited	HPE ProLiant DL/ML/SL G5-G7, Gen8, Gen9 HPE Apollo
	HPE 82Q PCIe FC HBA Dual Port	AJ764A	QLE2562-HP	Dual				
	HPE 81Q PCIe FC HBA (for Integrity Servers)	AH400A	QLE2560-HP	Single				
	HPE 82Q PCIe FC HBA (for Integrity Servers)	AH401A	QLE2562-HP	Dual				
	HPE StoreFabric 84Q Quad Port 8Gb Fibre Channel HBA	P9D91A	QLE2564-HP	Quad				




All 16Gb adapters listed above support HPE Smart SAN value-add integration features with HPE StoreFabric B-series Gen 5 FC switches and/or directors from Brocade. These features simplify storage area network (SAN) deployment and orchestration, reduce the time required to diagnose issues and improve overall SAN resiliency and provide for quality of service. Specific features include:

D-Port Diagnostics, Fabric Assigned Port WWN (FA-WWN), Fabric-based Boot LUN (F-BLD), FC Ping, FC Trace Route, FDMI, Read Diagnostic Parameters (RDP), Link Cable Beaconing (LCB), Forward Error Correction (FEC), QoS (CS\_CTL), Buffer to Buffer Credits (BB\_CR)

All HPE-branded Cavium Fibre Channel adapters are designed with dual-port isolated ASICs. This ensures internal resources supporting traffic on each physical port are completely isolated from the other physical ports on the adapter. This design increases overall reliability and resiliency of the SAN connections. All 16Gb adapters listed above also support T10 Protection information (T10-PI) checksum when connected to HPE 3PAR StoreServ 16Gb FC arrays. This improves data integrity by ensuring data is validated end to end in the Fibre Channel SAN.

**Resources:** Cavium HPE Microsite: [www.cavium.com/hpe](http://www.cavium.com/hpe)  
 Cavium HPE Interactive Adapter Cross Reference Guide: <http://cavium.qlogic.com/HPE/Pages/HPECrossRef.aspx>  
 HPE StoreFabric Website: [www.hpe.com/info/storefabric](http://www.hpe.com/info/storefabric) HPE Driver Downloads [www.hpe.com/support](http://www.hpe.com/support)  
 Follow The Wire Rewards Website: [www.ftwirewards4hpe.com](http://www.ftwirewards4hpe.com) General queries: email [hpesolutions@cavium.com](mailto:hpesolutions@cavium.com)



Product Category	HPE Model	Protocols	HPE P/N	Cavium Controller	Ports	Port Speed	Form Factor	Server Compatibility		
 Converged Network Adapters	HPE StoreFabric CN1100R 2P Converged Network Adapter	NIC, iSCSI, FCoE	QW990A	QL57810S	2	10GbE	PCIe 2.0 x8	HPE ProLiant Gen8, Gen9, Gen10 HPE Apollo Gen9, Gen10		
	HPE StoreFabric CN1100R-T 10GBASE-T Converged Network Adapter	NIC, iSCSI, FCoE	N3U52A	QL57810S		1/10GbE				
	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	NIC, iSCSI, FCoE	700759-B21	QL57810S	4	10GbE	Flexible LOM Rack PCIe 2.0 x8	HPE ProLiant Gen8, Gen9, Gen10 HPE Apollo Gen9, Gen10		
	HPE FlexFabric 10Gb 2-port 534FLR-SFP+ Adapter	NIC, iSCSI, FCoE	700751-B21	QL57810S						
	HPE FlexFabric 10Gb 4-port 536FLR-T Adapter	NIC, iSCSI, FCoE	764302-B21	QL57840S	2	1/10GbE	PCIe 3.0 x8	HPE ProLiant Gen9, Gen10 HPE Apollo		
	HPE FlexFabric 10Gb 2-port 534M Adapter	NIC, iSCSI, FCoE	700748-B21	QL57810S		10GbE	PCIe 2.0, Type A Mezz			
	HPE FlexFabric 10Gb 2-port 536FLB Adapter	NIC, iSCSI, FCoE	766490-B21	QL57840S		10/20Gb	Flexible LOM Blade PCIe 3.0 x8		HPE BladeSystem Gen8, Gen9, Gen10 HPE Integrity Superdome X	
	HPE FlexFabric 20Gb 2-port 630FLB Adapter	NIC, iSCSI, FCoE	700065-B21	QL57840S						
	HPE FlexFabric 20Gb 2-port 630M Adapter	NIC, iSCSI, FCoE	700076-B21	QL57840S		10/25GbE	PCIe 3.0, Type A Mezz		HPE ProLiant/Apollo Gen10	
	HPE Ethernet 10/25Gb 2-port 622FLR-SFP28	NIC, RDMA	867334-B21	QL41401						
 Ethernet Adapters	HPE Ethernet 10Gb 2-port 521T Adapter	NIC, RDMA	867707-B21	QL41401		4	1/10GbE		PCIe 3.0 x8	HPE ProLiant/Apollo Gen10
	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	NIC	652503-B21	QL57810S			10Gb		PCIe 2.0 x8	
	HPE Ethernet 10Gb 2-port 530T Adapter	NIC	656596-B21	QL57810S	4	25Gb		PCIe 3.0 x16		HPE ProLiant/Apollo Gen9, Gen10
	HPE Ethernet 10/25Gb 2-port 621SFP28	NIC, RDMA	867328-B21	QL41401						
	HPE Ethernet 4x25Gb 1-port 620QSFP28 Adapter	NIC	817762-B21	QL45604	2	10Gb	PCIe 3.0, Type C Mezz	HPE Synergy Server Gen9, Gen10		
	HPE Synergy 2820C 10Gb Converged Network Adapter	NIC, iSCSI, FCoE	794538-B21	QL57840S		10/20Gb				
HPE Synergy 3820C 10/20Gb Converged Network Adapter	NIC, iSCSI, FCoE	777430-B21	QL57840S	25/50Gb						
 10/25/100Gb Ethernet Switch	Arista 7160 32QSFP28 Switch	Ethernet	JH945A/JH946A	Cavium Xpliant	32	100Gb	Modular Switch	N/A		
	Arista 7160 48SFP28 6QSFP28 Switch	Ethernet	JH947A/JH948A	Cavium Xpliant	48 + 8	10/25Gb	Modular Switch			
	Arista 7160 48XT 6QSFP28 Switch	Ethernet	JH949A/JH950A	Cavium Xpliant	48 + 8	1/10Gb	Modular Switch			

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**Resources:**

Cavium HPE Microsite: [www.cavium.com/HPE](http://www.cavium.com/HPE)

Cavium HPE Interactive Adapter Cross Reference Guide: <http://caviumq.qlogic.com/HPE/Pages/HPECrossRef.aspx>

Follow The Wire Rewards Site: [www.ftwrewards4hpe.com](http://www.ftwrewards4hpe.com)

General Queries: [hpesolutions@cavium.com](mailto:hpesolutions@cavium.com)

HPE StoreFabric Website: [www.hpe.com/info/storefabric](http://www.hpe.com/info/storefabric)

HPE ProLiant Adapter Website: [www.hpe.com/servers/ProLiantNICs](http://www.hpe.com/servers/ProLiantNICs)

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