

Marvell FastLinQ Ethernet for HPE Gen10 Servers

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10GBASE-T Adapters for HPE ProLiant/Apollo Gen10 Servers					
	HPE Ethernet 10Gb 2-port BASE-T QL41401-A2G Adapter (521T)	HPE Ethernet 10Gb 2-port BASE-T 57810S Adapter (530T)	HPE FlexFabric 10Gb 2-port FLR-T 57810S Adapter (533FLR-T)	HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter (536FLR-T)	HPE CN1200R-T CNA
Part Number	867707-B21	656596-B21	700759-B21	764302-B21	Q0F26A
Chipset/Board Type	QL41102	57810S	57810S	57840S	QL41262
Bandwidth	1/10Gbps	1/10Gbps	1/10Gbps	1/10Gbps	1/10Gbps
Ports	2	2	2	4	2
Connection	RJ45	RJ45	RJ45	RJ45	RJ45
L2 NIC	✓	✓	✓	✓	✓
SR-IOV	192 VF's	128 VF's	128 VF's	128 VF's	192 VF's
NPAR	-	✓	✓	✓	-
VXLAN/NVGRE/GENEVE/GRE	✓	✓	✓	✓	✓
RDMA	✓	-	-	-	✓
RoCE, RoCEv2	✓	-	-	-	✓
iWARP	✓	-	-	-	✓
FEC (RS-FEC, FC-FEC)	Not Required	-	-	-	Not Required
DPDK	✓	✓	✓	✓	✓
IEEE 1588/PTP	✓	✓	✓	✓	✓
Storage Offload (iSCSI, FCoE)	-	-	✓	✓	✓
NVMe-oF Support (NVMe/RoCE, NVMe/TCP)	✓	-	-	-	✓
Redfish Device Enablement (RDE) - Reads	✓	✓	✓	✓	✓
10GbE SFP+ Adapters for HPE ProLiant/Apollo Gen10 Servers					
	HPE Ethernet 10Gb 2-port SFP+ QL41401-A2G Adapter (524SFP+)	HPE Ethernet 10Gb 2-port SFP+ 57810S Adapter (530SFP+)	HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter (534FLR-SFP+)		
Part Number	P08446-B21	652503-B21	700751-B21		
Chipset/Board Type	QL41132	57810S	57810S		
Bandwidth	10Gbps	10Gbps	10Gbps		
Ports	2	2	2		
Connection	SFP+	SFP+	SFP+		
SR Transceiver	455883-B21				
LC SR Transceiver	-	-	-		
L2 NIC	✓	✓	✓		
SR-IOV	192 VF's	128 VF's	128 VF's		
NPAR	-	✓	✓		
VXLAN/NVGRE/GENEVE/GRE	✓	✓	✓		
RDMA	✓	-	-		
RoCE, RoCEv2	✓	-	-		
iWARP	✓	-	-		
FEC (RS-FEC, FC-FEC)	Not Required	-	-		
DPDK	✓	✓	✓		
IEEE 1588/PTP	✓	✓	✓		
Storage Offload (iSCSI, FCoE)	-	-	✓		
NVMe-oF Support (NVMe/RoCE, NVMe/TCP)	✓	-	-		
Redfish Device Enablement (RDE) - Reads	✓	✓	✓		

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10/25GbE Adapters for HPE ProLiant/Apollo Gen10 Servers					
	HPE CN1300R	HPE Ethernet 10/25Gb 2-port SFP28 QL41401-A2G Adapter (621SFP28)		HPE Ethernet 10/25Gb 2-port FLR-SFP28 QL41401-A2G CNA (622FLR-SFP28)	
Part Number	Q0F09A	817762-B21		867334-B21	
Chipset/Board Type	QL41262	QL41202		QL41262	
Bandwidth	10/25Gbps	10/25Gbps		10/25Gbps	
Ports	2	2		2	
Connection	SFP+	SFP28		SFP28	
SR Transceiver	845398-B21(25Gb) 455883-B21(10Gb)				
LR Transceiver	Not Supported				
LC SR Transceiver	J9150D (10Gb)				
L2 NIC	✓	✓		✓	
SR-IOV	192 VF's	192 VF's		192 VF's	
NPAR	-	-		-	
VXLAN/NVGRE/ GENEVE/GRE	✓	✓		✓	
RDMA	✓	✓		✓	
RoCE, RoCEv2	✓	✓		✓	
iWARP	✓	✓		✓	
FEC (RS-FEC/FC-FEC)	✓	✓		✓	
DPDK	✓	✓		✓	
IEEE 1588/PTP	✓	✓		✓	
Storage Offload (iSCSI, FCoE)	✓	-		✓	
NVMe-oF Support (NVMe/RoCE, NVMe/TCP)	✓	✓		✓	
Redfish Device Enablement (RDE) - Reads	✓	✓		✓	
10/20/25/50GbE Adapters for HPE Synergy					
	HPE 2820C	HPE 3820C	HPE 4820C	HPE 6820C	HPE 6810C
Part Number	794538-B21	777430-B21	876449-B21	P02054-B21	867322-B21
Chipset	57840S	57840S	QL45604	QL45604	QL45604
Bandwidth	10Gbps	10/20Gbps	10/20/25Gbps	25/50Gbps	25/50Gbps
Ports	2	2	2	2	2
Connection	Mezzanine	Mezzanine	Mezzanine	Mezzanine	Mezzanine
L2 NIC	✓	✓	✓	✓	✓
SR-IOV	128 VF's	128 VF's	240 VF's	240 VF's	240 VF's
Flex-10/Flex-20	8 PF's	8 PF's	16 PF's	-	-
Flex-25	-	-	16 PF's	16 PF's	-
Flex-50	-	-	-	16 PF's	-
VXLAN/NVGRE/ GENEVE/GRE	✓	✓	✓	✓	✓
RDMA	-	-	✓	✓	✓
RoCE, RoCEv2	-	-	✓	✓	✓
iWARP	-	-	✓	✓	✓
FEC (RS-FEC/FC-FEC)	-	-	Not Required	Not Required	Not Required
DPDK	✓	✓	✓	✓	✓
IEEE 1588/PTP	✓	✓	✓	✓	✓
Storage Offload (iSCSI, FCoE)	✓	✓	✓	✓	-
NVMe-oF Support (NVMe/RoCE, NVMe/TCP)	-	-	✓	✓	✓
Redfish Device Enablement (RDE) - Reads	✓	✓	✓	✓	✓