

High Performance, Feature-Rich and Low-Cost Ethernet I/O for HPE ProLiant, Apollo, BladeSystem and HPE Synergy Gen10 servers

10GBASE-T Adapters for HPE ProLiant/Apollo Servers						
	HPE 521T	HPE 530T	HPE 533FLR-T	HPE 536FLR-T	HPE CN1200R-T	
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	✓	✓	✓	✓	✓	
NPAR	-	✓	✓	✓	Future	
VXLAN/NVGRE/GRE	✓	✓	✓	✓	✓	
RDMA	✓	-	-	-	✓	
RoCE, RoCEv2	✓	-	-	-	✓	
iWARP	✓	-	-	-	✓	
FEC	Not Required	-	-	-	Not Required	
DPDK	✓	✓	✓	✓	✓	
IEEE 1588/PTP	✓	✓	✓	✓	✓	
Storage Offload (iSCSI, FCoE)	-	-	✓	✓	✓	
NVMe-oF Support (NVMe/RoCE, NVMe/iWARP, NVMe/TCP)	✓	-	-	-	✓	
Gen9 Server Support	-	✓	✓	✓	-	
Gen10 Server Support	✓	✓	✓	✓	✓	
10/25GbE Adapters for HPE ProLiant/Apollo Servers						
	HPE 524SFP+	HPE 530SFP+	HPE 534FLR-SFP+	HPE CN1300R	HPE 621SFP28	HPE 622FLR-SFP28
Part Number	P08446-B21	652503-B21	700751-B21	Q0F09A	817762-B21	867334-B21
Chipset/Board Type	QL41132	57810S	57810S	QL41262	QL41202	QL41262
Bandwidth	10Gbps	10Gbps	10Gbps	10/25Gbps	10/25Gbps	10/25Gbps
Ports	2	2	2	2	2	2
Connection	SFP+	SFP+	SFP+	SFP+	SFP28	SFP28
SR Transceiver	455883-B21			845398-B21(25Gb) 455883-B21(10Gb)		
LR Transceiver	455886-B21 (10Gb)					
LC SR Transceiver	-	-	-	J9150D (10Gb)		
L2 NIC	✓	✓	✓	✓	✓	✓
SR-IOV	✓	✓	✓	✓	✓	✓
NPAR	-	✓	✓	Future	Future	Future
VXLAN/NVGRE/GRE	✓	✓	✓	✓	✓	✓
RDMA	✓	-	-	✓	✓	✓
RoCE, RoCEv2	✓	-	-	✓	✓	✓
iWARP	✓	-	-	✓	✓	✓
FEC	Not Required	-	-	RS-FEC/ FC-FEC	RS-FEC/ FC-FEC	RS-FEC/ FC-FEC
DPDK	✓	✓	✓	✓	✓	✓
IEEE 1588/PTP	✓	✓	✓	✓	✓	✓
Storage Offload (iSCSI, FCoE)	-	-	✓	✓	-	✓
NVMe-oF Support (NVMe/RoCE, NVMe/iWARP, NVMe/TCP)	✓	-	-	✓	✓	✓
Gen9 Server Support	-	✓	✓	-	-	-
Gen10 Server Support	✓	✓	✓	✓	✓	✓

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	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	✓	✓	✓	✓	✓
Flex-10/Flex-20	8PF	8PF	16PF	16PF	-
VXLAN/NVGRE/GRE	✓	✓	✓	✓	✓
RDMA	-	-	✓	✓	✓
RoCE, RoCEv2	-	-	✓	✓	✓
iWARP	-	-	✓	✓	✓
FEC	-	-	Not Required	Not Required	Not Required
DPDK	✓	✓	✓	✓	✓
IEEE 1588/PTP	✓	✓	✓	✓	✓
Storage Offload (iSCSI, FCoE)	✓	✓	✓	✓	-
NVMe-oF Support (NVMe/RoCE, NVMe/iWARP, NVMe/TCP)	-	-	✓	✓	✓
Gen9 Server Support	✓	✓	-	-	-
Gen10 Server Support	✓	✓	✓	✓	✓

10/20GbE Adapters for HPE BladeSystem c-Class				
	HPE 534M	HPE 536FLB	HPE 630M	HPE 630FLB
Part Number	700748-B21	766490-B21	700076-B21	700065-B21
Chipset	57810S	57840S	57840S	57840S
Bandwidth	10Gbps	10Gbps	10/20Gbps	10/20Gbps
Ports	2	2	2	2
Connection	Mezzanine	FlexLOM Blade	Mezzanine	FlexLOM Blade
L2 NIC	✓	✓	✓	✓
SR-IOV	✓	✓	✓	✓
Flex-10/Flex-20	✓	✓	✓	✓
VXLAN/NVGRE/GRE	✓	✓	✓	✓
RDMA	-	-	-	-
DPDK	✓	✓	✓	✓
IEEE 1588/PTP	✓	✓	✓	✓
Storage Offload (iSCSI, FCoE)	✓	✓	✓	✓
NVMe-oF Support (NVMe/RoCE, NVMe/iWARP, NVMe/TCP)	-	-	-	-
Gen9 Server Support	✓	✓	✓	✓
Gen10 Server Support	✓	✓	✓	✓