

## 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                   | ✓   | ✓  | ✓  |  |                   |

## Marvell FastLinQ Ethernet for HPE Gen10 Servers

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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/<br>GENEVE/GRE                              | ✓                                 | ✓  | ✓  |              |              |
| RDMA  | ✓                                 | ✓  | ✓  |              |              |
| RoCE, RoCEv2  | ✓                                 | ✓  | ✓  |              |              |
| iWARP   | ✓                                 | ✓  | ✓  |              |              |
| FEC (RS-FEC/FC-FEC)                                     | ✓                                 | ✓  | ✓  |              |              |
| DPDK  | ✓                                 | ✓  | ✓  |              |              |
| IEEE 1588/PTP   | ✓                                 | ✓  | ✓  |              |              |
| Storage Offload<br>(iSCSI, FCoE)                        | ✓                                 | -  | ✓  |              |              |
| NVMe-oF Support<br>(NVMe/RoCE, NVMe/TCP)                | ✓                                 | ✓  | ✓  |              |              |
| Redfish Device<br>Enablement (RDE) -<br>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/<br>GENEVE/GRE                              | ✓                                 | ✓  | ✓  | ✓            | ✓            |
| RDMA  | -                                 | -  | ✓  | ✓            | ✓            |
| RoCE, RoCEv2  | -                                 | -  | ✓  | ✓            | ✓            |
| iWARP   | -                                 | -  | ✓  | ✓            | ✓            |
| FEC (RS-FEC/FC-FEC)                                     | -                                 | -  | Not Required   | Not Required | Not Required |
| DPDK  | ✓                                 | ✓  | ✓  | ✓            | ✓            |
| IEEE 1588/PTP   | ✓                                 | ✓  | ✓  | ✓            | ✓            |
| Storage Offload<br>(iSCSI, FCoE)                        | ✓                                 | ✓  | ✓  | ✓            | -            |
| NVMe-oF Support<br>(NVMe/RoCE, NVMe/TCP)                | -                                 | -  | ✓  | ✓            | ✓            |
| Redfish Device<br>Enablement (RDE) -<br>Reads           | ✓                                 | ✓  | ✓  | ✓            | ✓            |