Smart NIC

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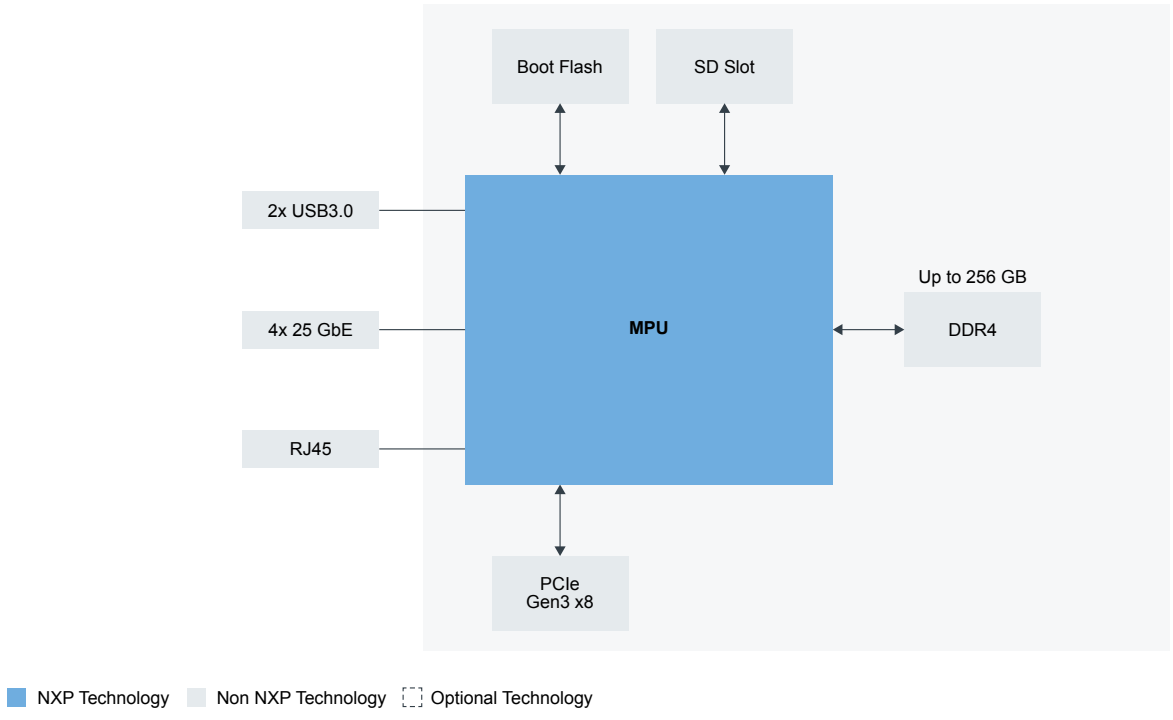
Smart NIC's offload various functions from servers. The Layerscape LX2160A device is used in two different Smart NIC configurations. For NICs with 50Gbps of throughput, it can be the main silicon, implementing the network ports and the SR-IOV PCIe interface to the host, while easily fitting in the 75W power budget. For higher capacity NICs, it can work with an FPGA, for instance as the control plane or exception path.

SmartNIC Block Diagram



Recommended Products for SmartNIC	
MPU	• LX2160A: Layerscape® LX2160A, LX2120A, LX2080A Processors

View our complete solution for Smart NIC.

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