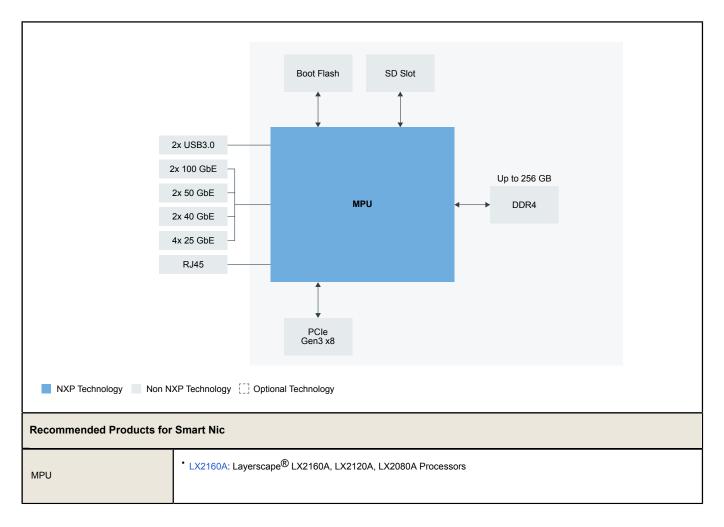


Network Security

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Secure routers, unified-threat management (UTM) systems, firewalls, and intrusion protection/ detection systems help protect home, enterprise and service-provider networks. At the heart of these systems, which secure connections for a smarter world, are processors that help provide a protected platform and that integrate network security acceleration and high-speed Ethernet interfaces. NXP Layerscape processors are a scalable family with these key capabilities.

Smart Nic Block Diagram



			OPNFV-Based Orchestration Software						
			Ť			1		Ť	
						\downarrow			
	Commercial VNF		vRouter			vFirewall SD-WAN		SD-WAN	
	Compute		KVM			DPDK	Networking	OVS	
			Docker	I/O		VirtlO		Kernel	
			Ceph		VFIO		OVS Offload		
	System Softwa	ire	UEFI		Std Linux Distro	Secu	re Provisioning		
	Layerscape Processor								
NX	NXP Technology Non NXP Technology								
Recom	ecommended Products for Software								
	Layerscape Processors: Layerscape [®] Processors								
Layersca	pe Processor								

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