



Ara-2独立NPU：赋能实时生成式AI

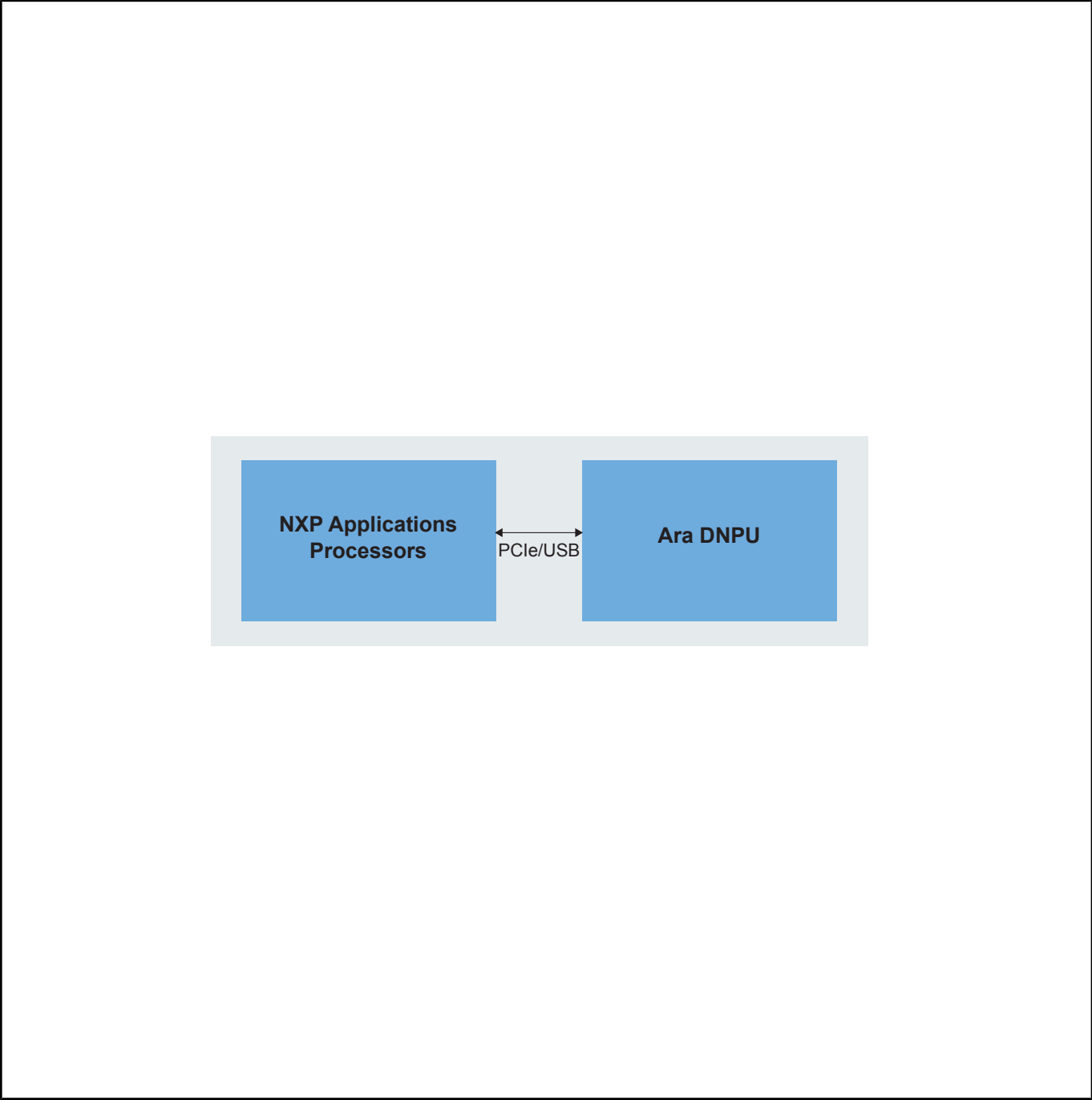
ARA-2-DNPU

Preproduction

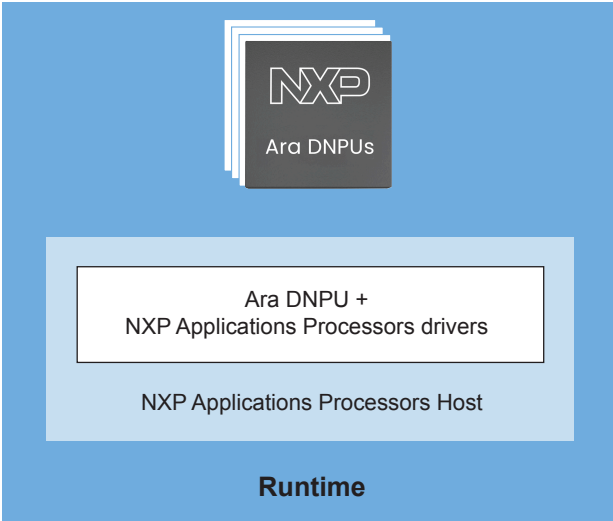
Last Updated: Nov 19, 2025

Ara-2独立神经处理单元(DNPU)支持在AI计算平台及嵌入式系统上实时运行生成式AI、大语言模型(LLM)与视觉语言模型(VLM)，从而带来低延迟、更低运营成本和增强的数据隐私。其创新架构集均衡计算、大容量片上存储与高片外带宽于一体，能高效地执行大型模型。

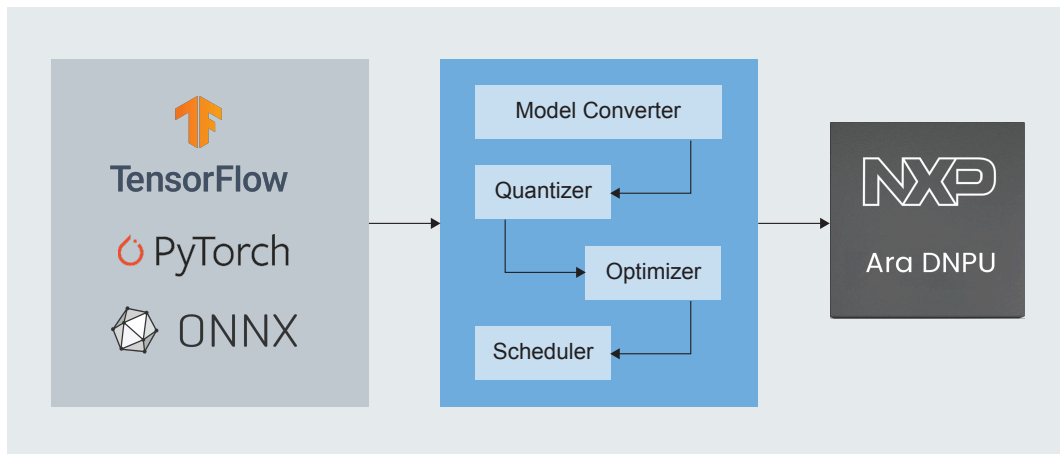
恩智浦应用处理器和Ara DNP连接 Block Diagram



Ara DNP与应用处理器主机及驱动程序的集成 Block Diagram



机器学习部署流程 **Block Diagram**



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